

FIG. 1A  
(PRIOR ART)

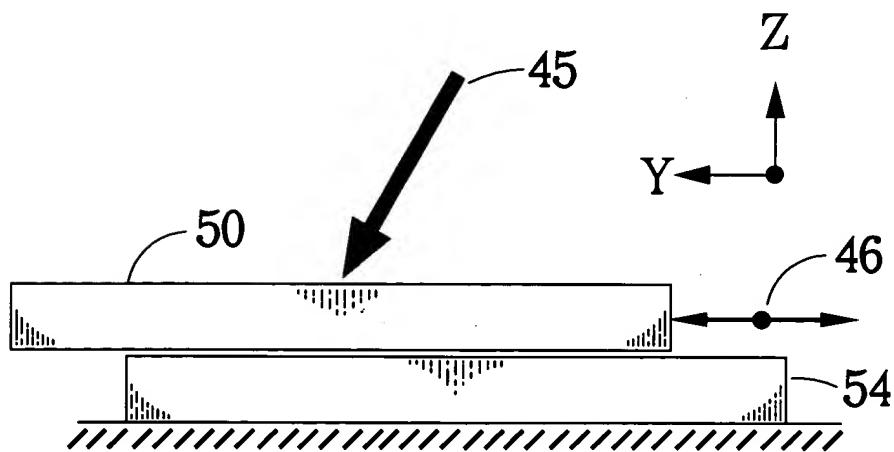


FIG. 1B  
(PRIOR ART)

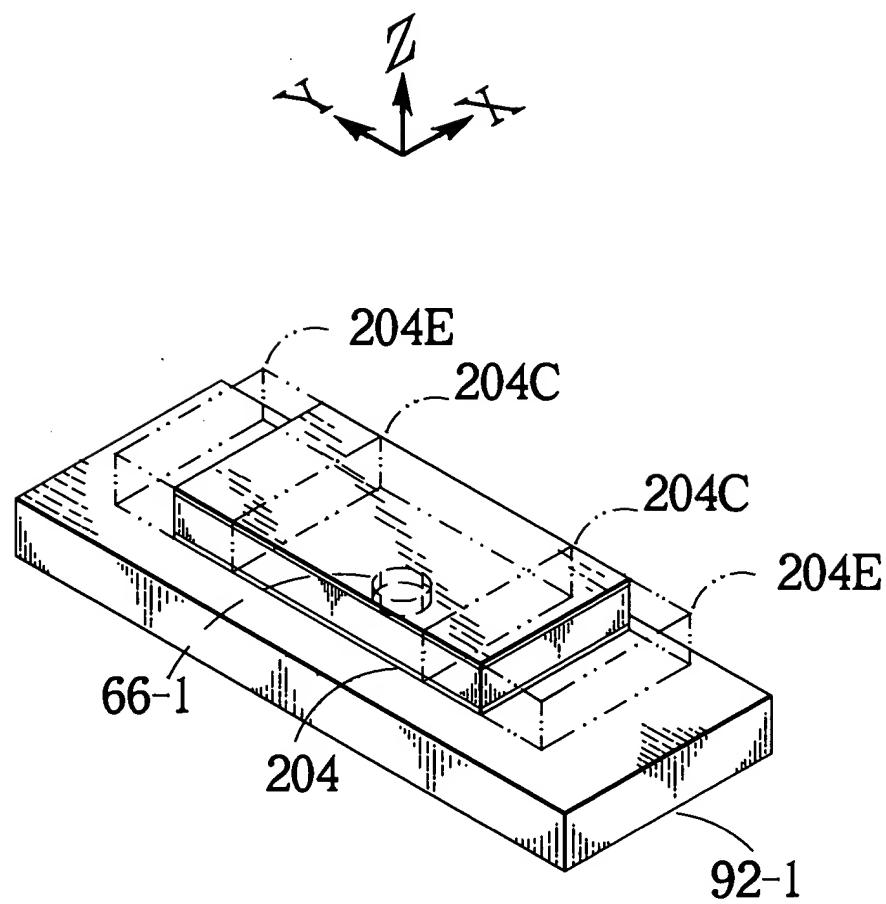


FIG. 2A

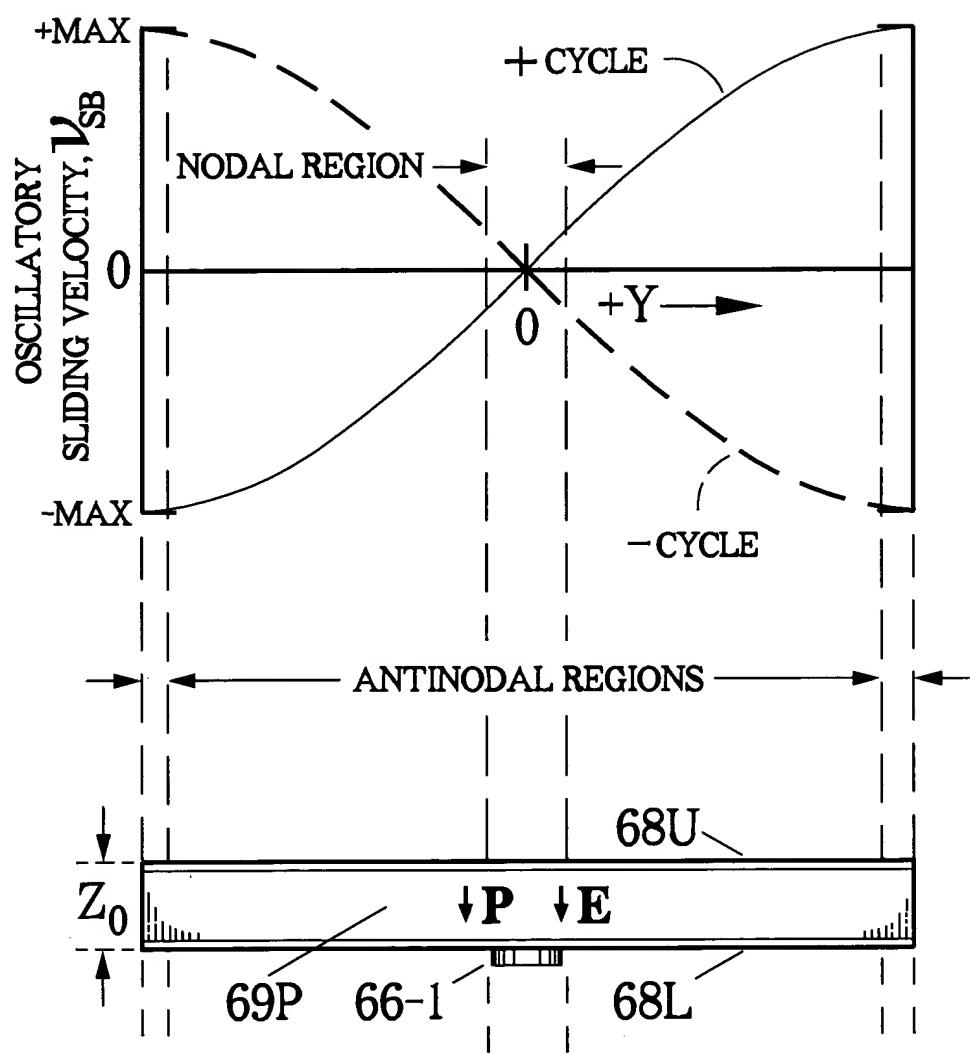


FIG. 2B

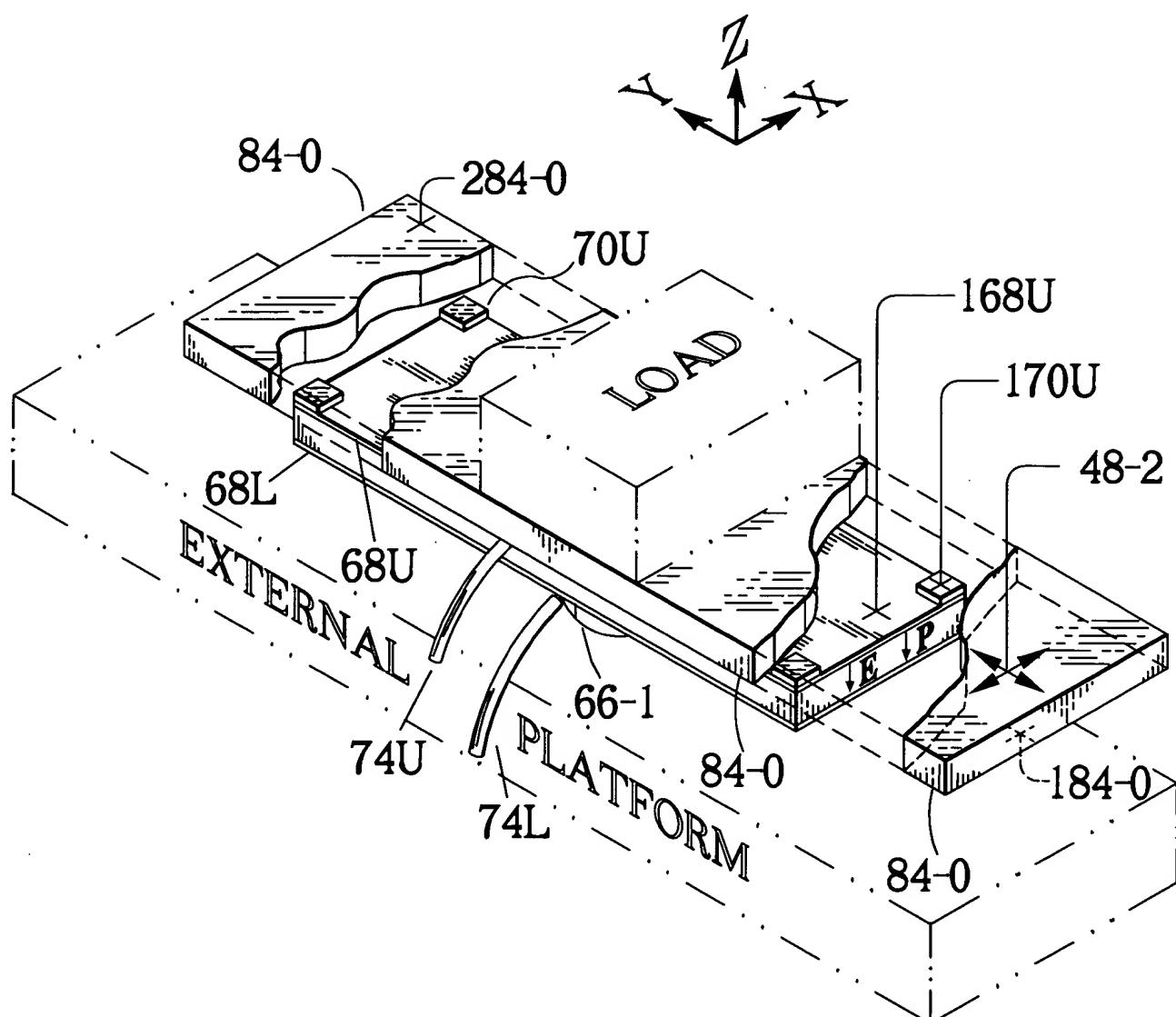


FIG. 3A

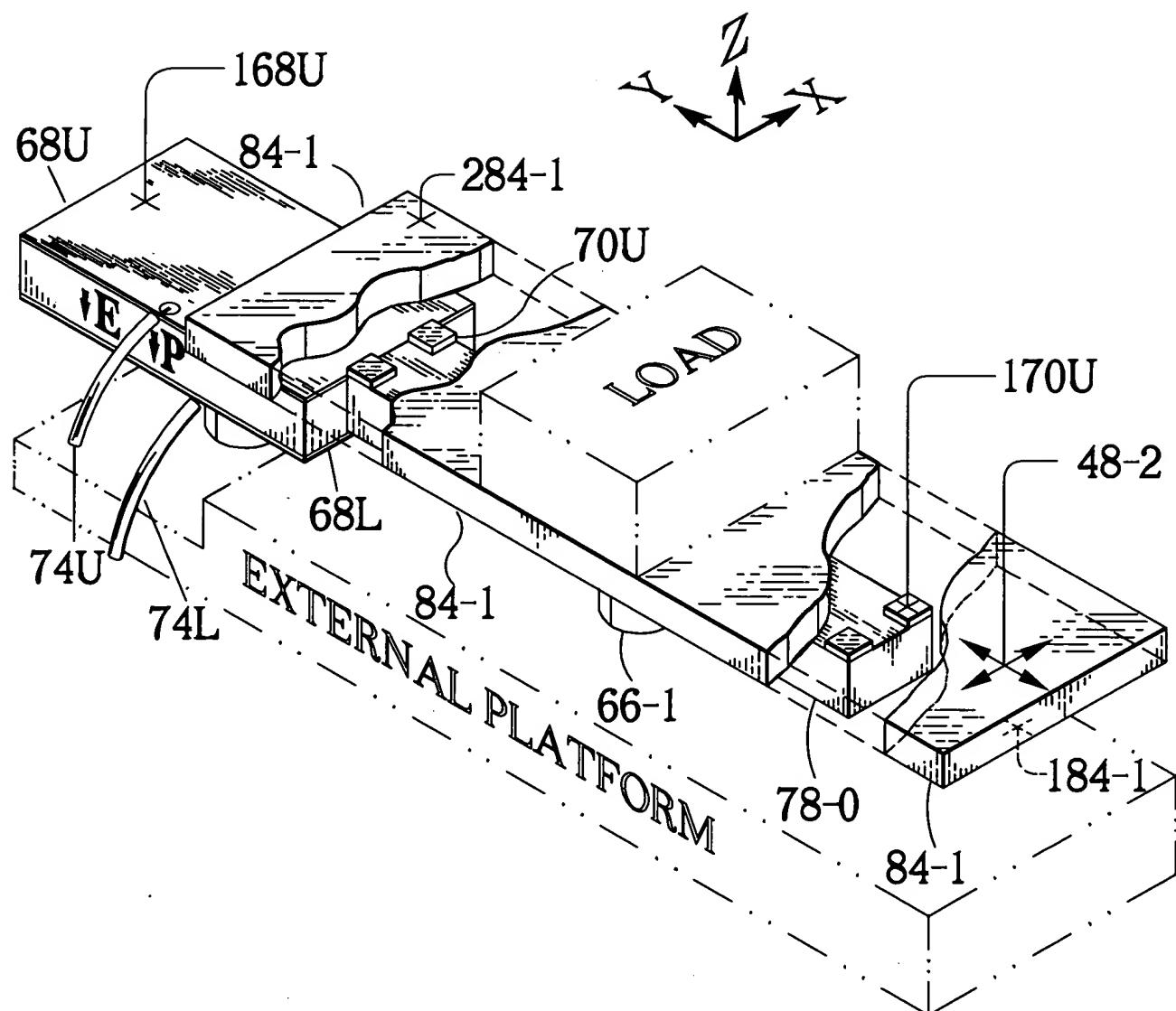


FIG. 3B

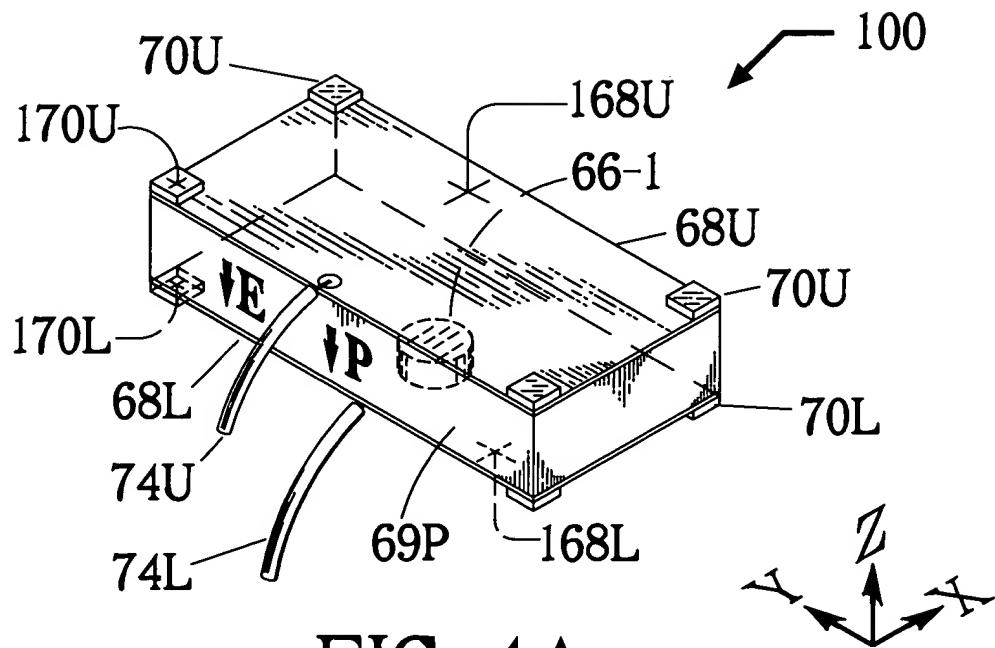


FIG. 4A

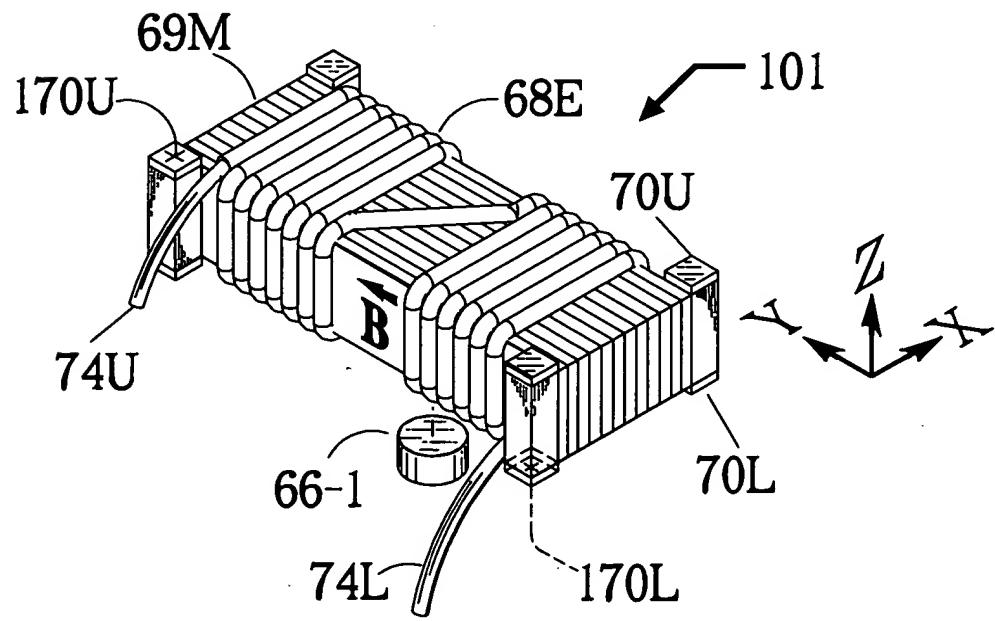


FIG. 4B

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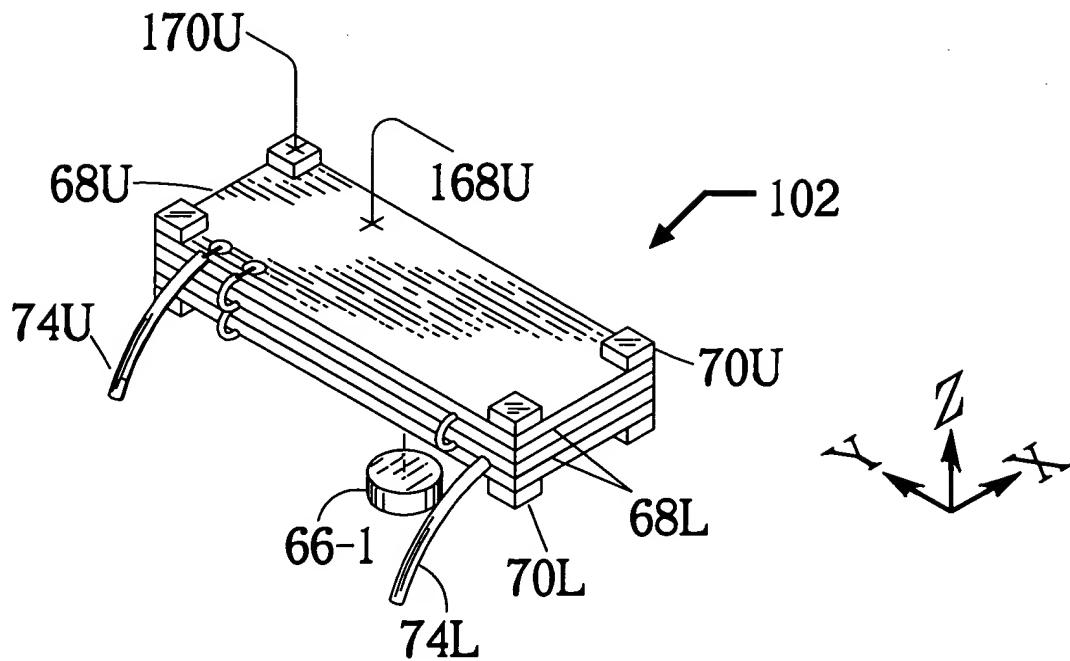


FIG.4C

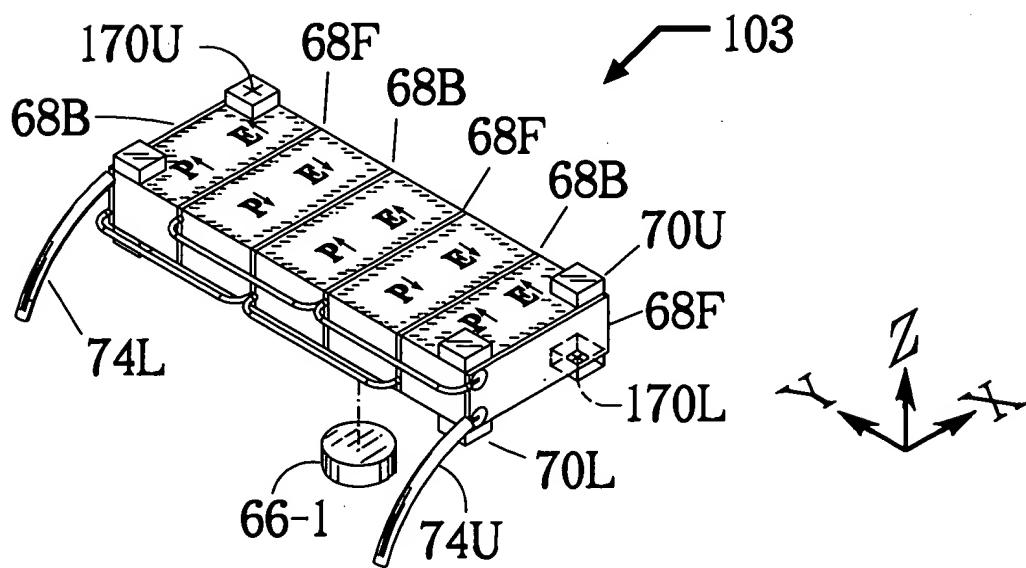


FIG.4D

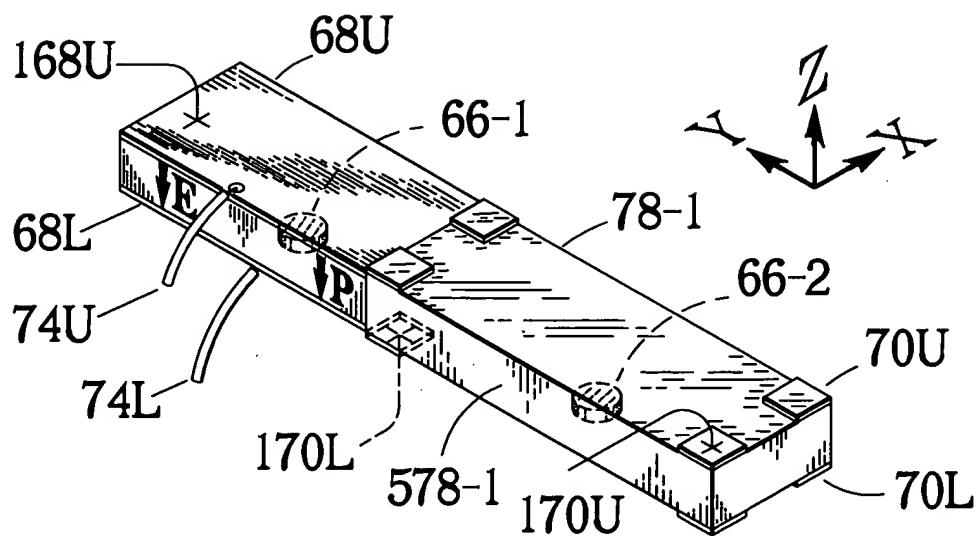


FIG. 5A

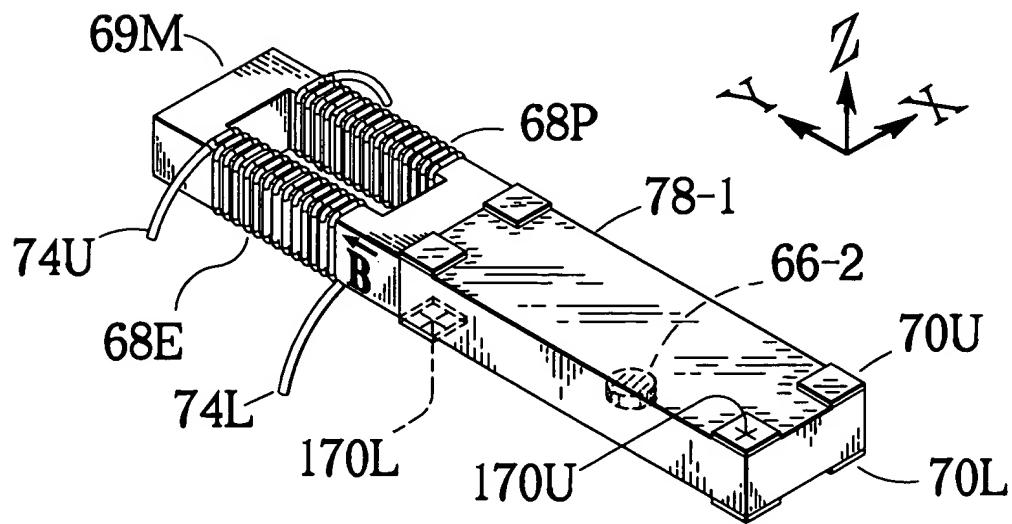


FIG. 5B

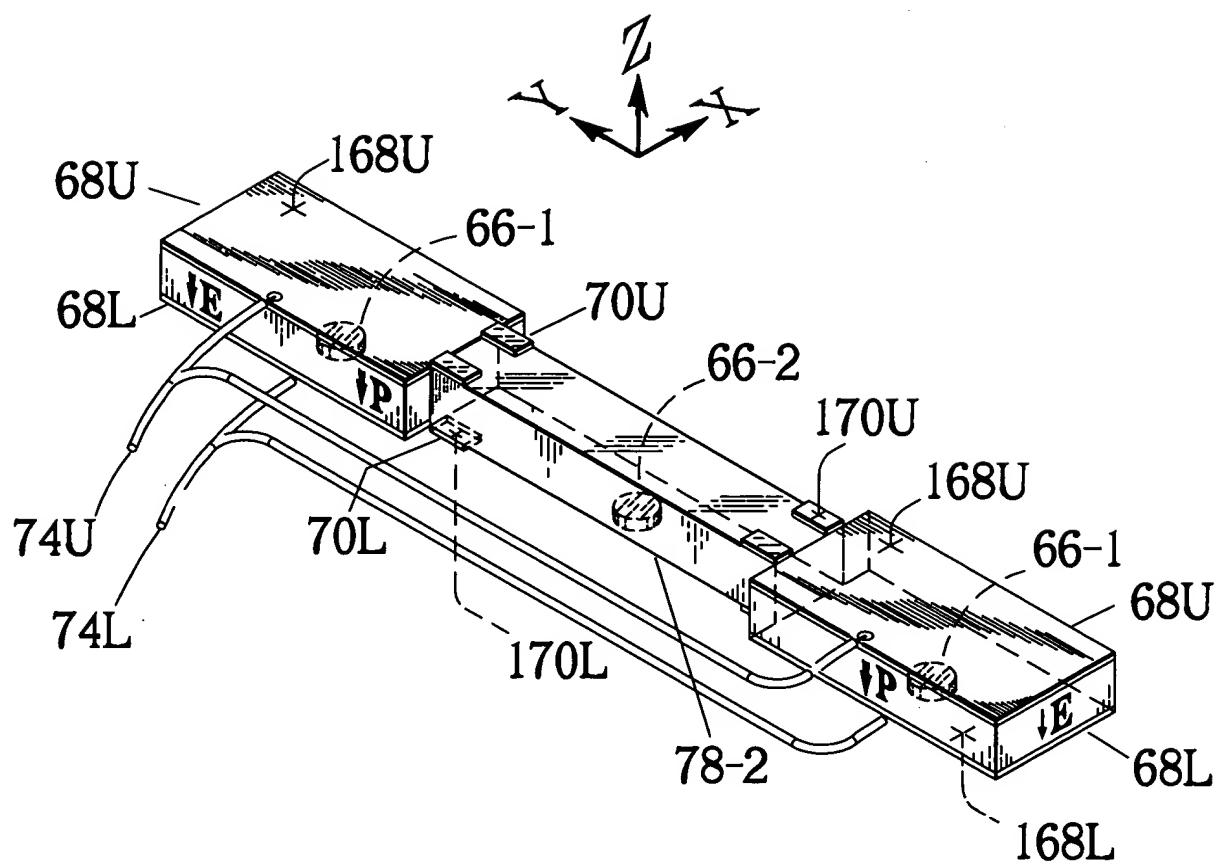


FIG. 5C

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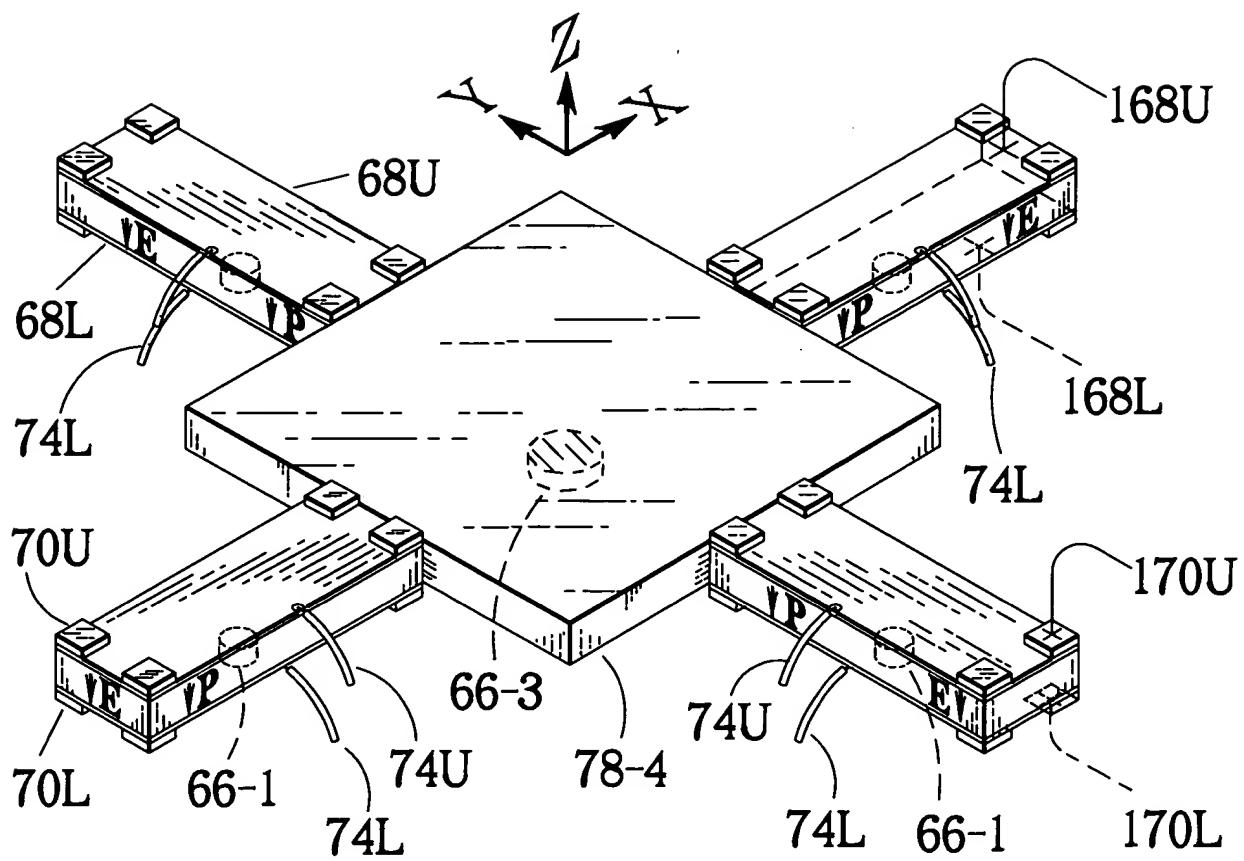


FIG. 5D

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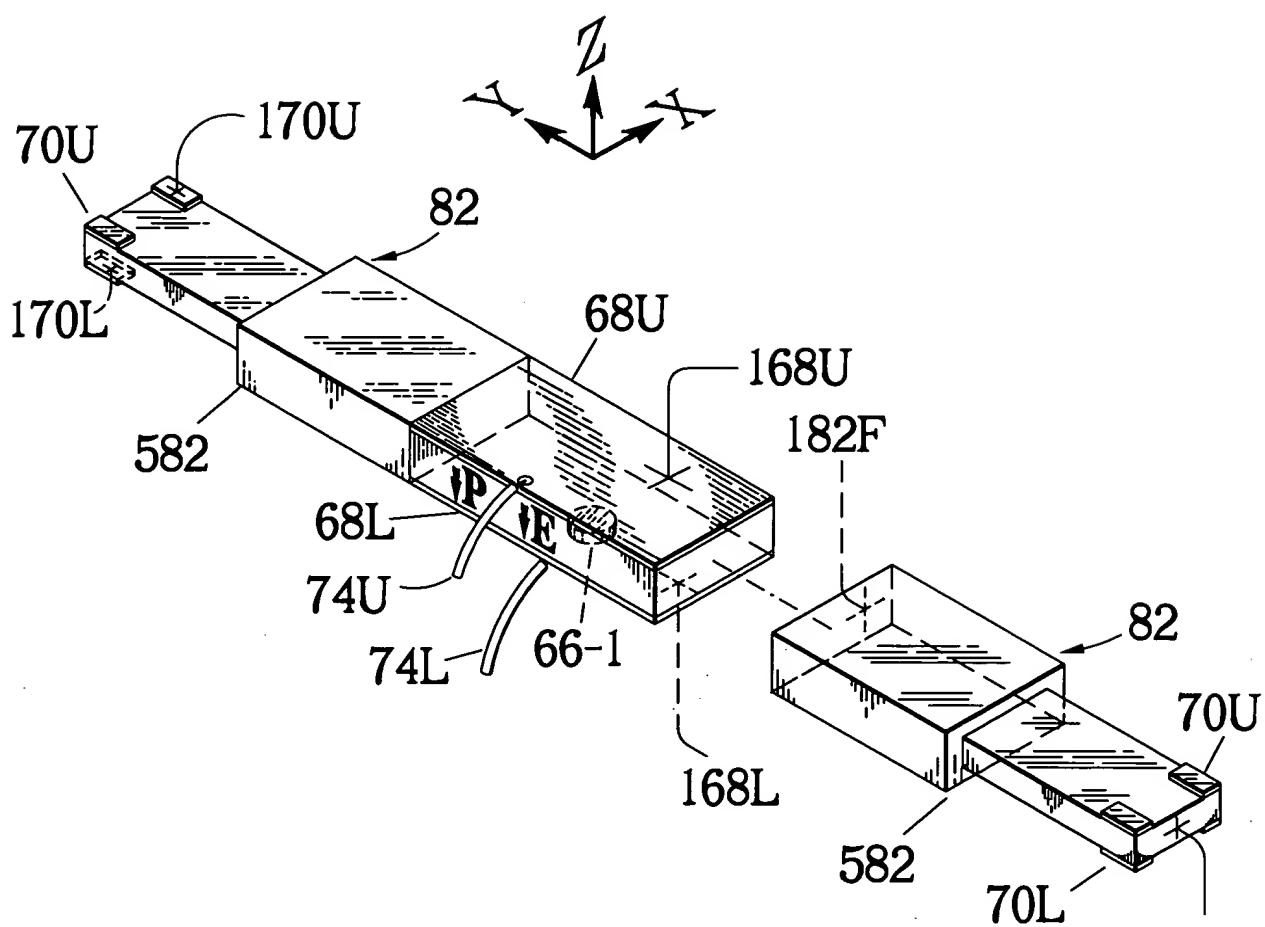


FIG. 5E

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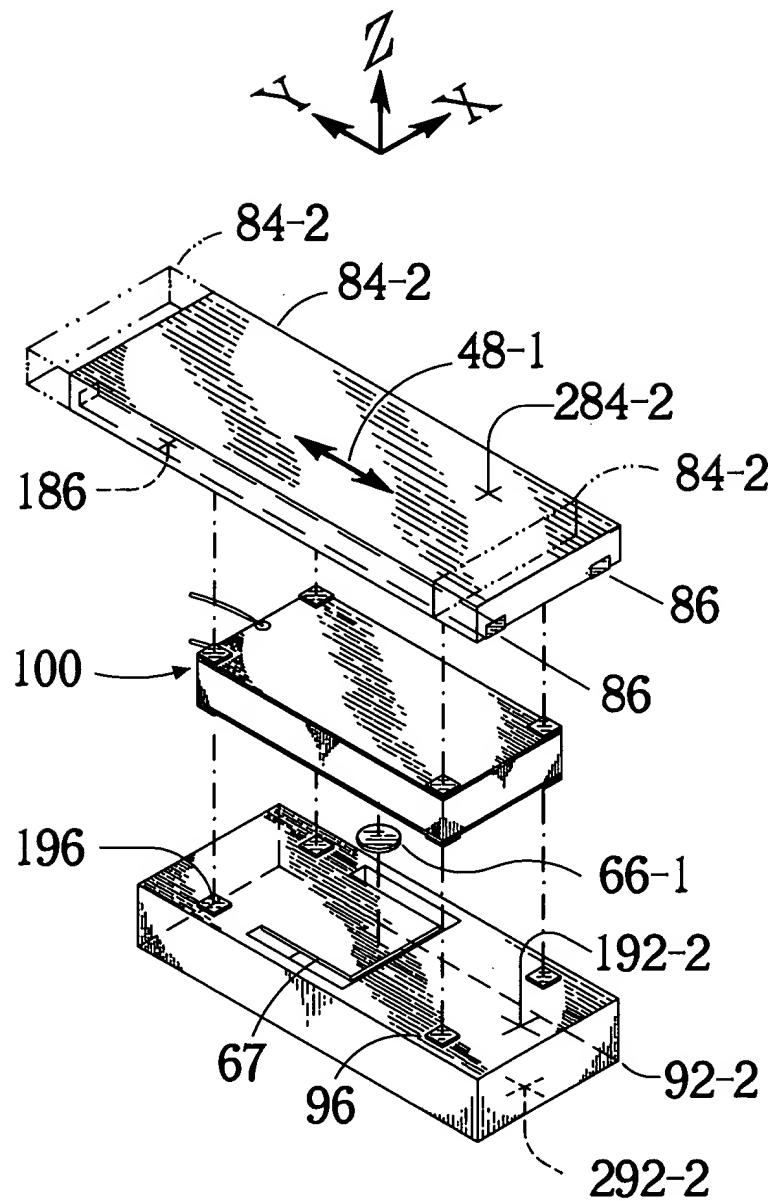


FIG. 6A

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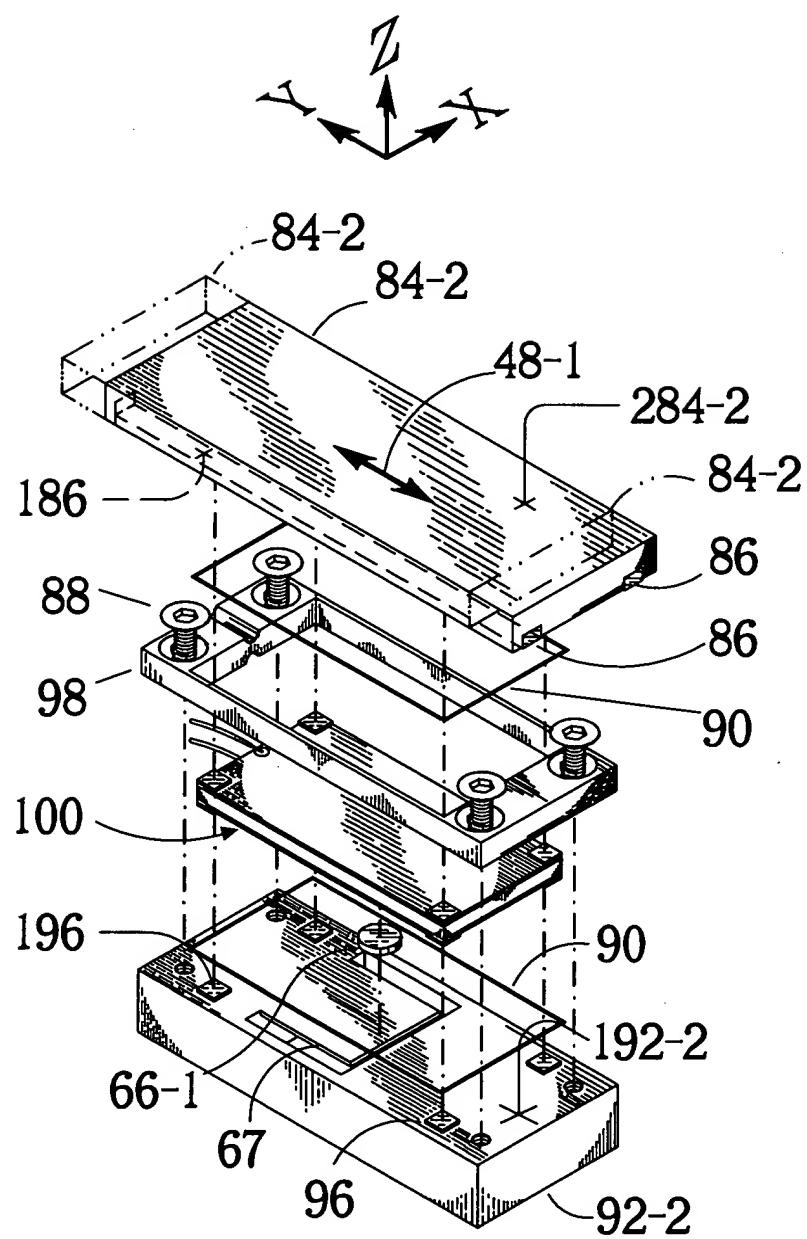
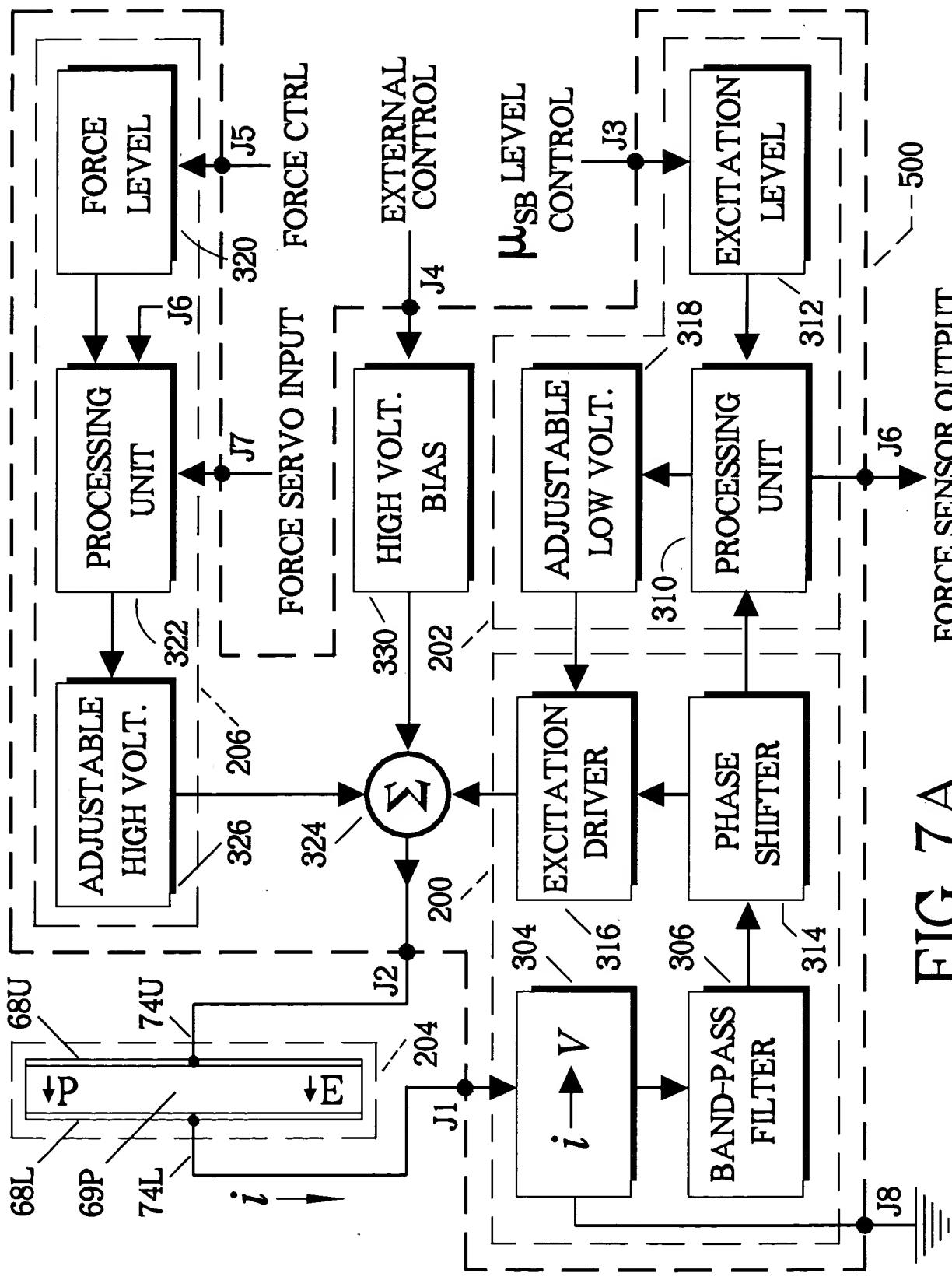


FIG. 6B



**FIG. 7A** FORCE SENSOR OUTPUT

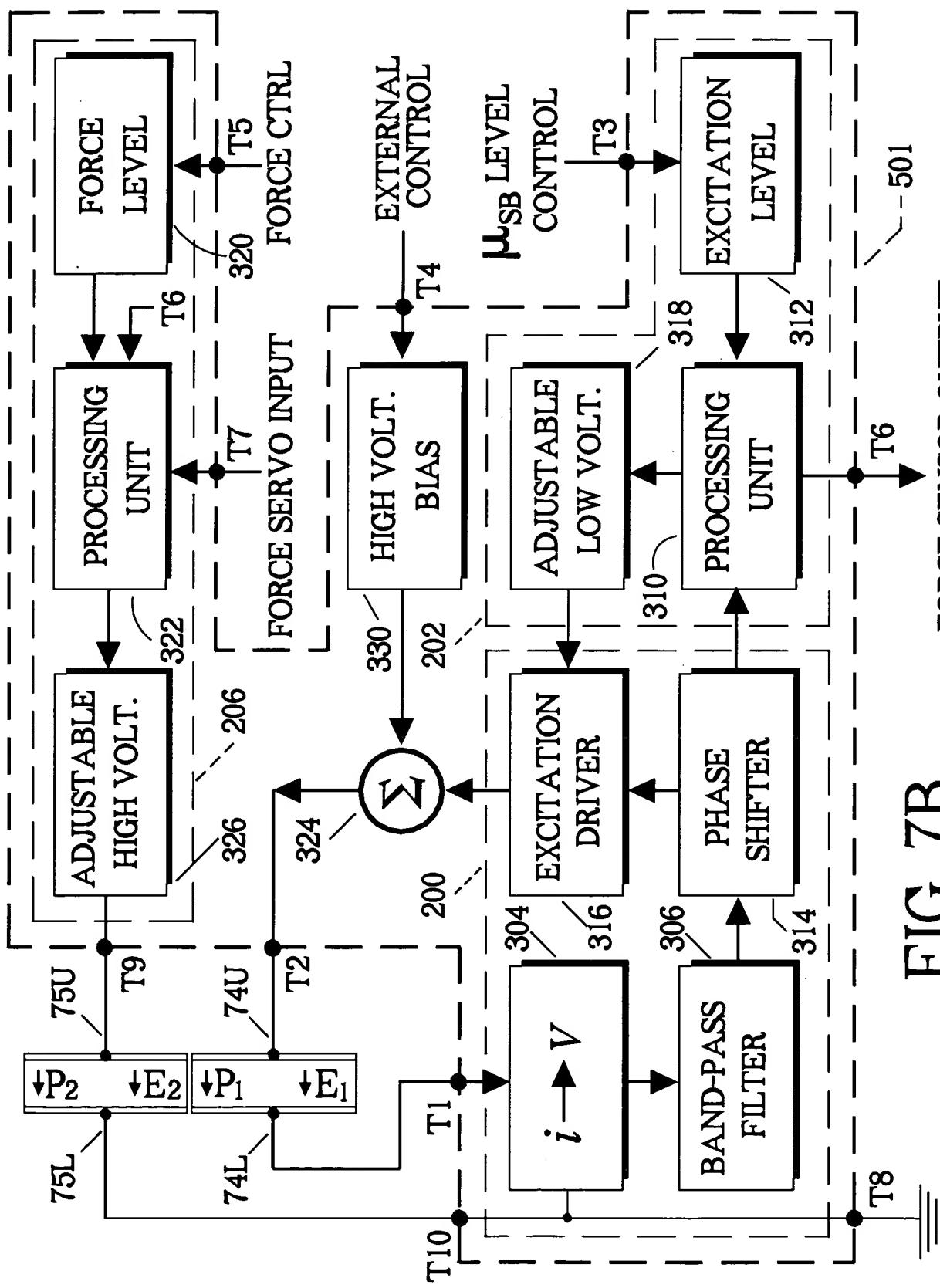
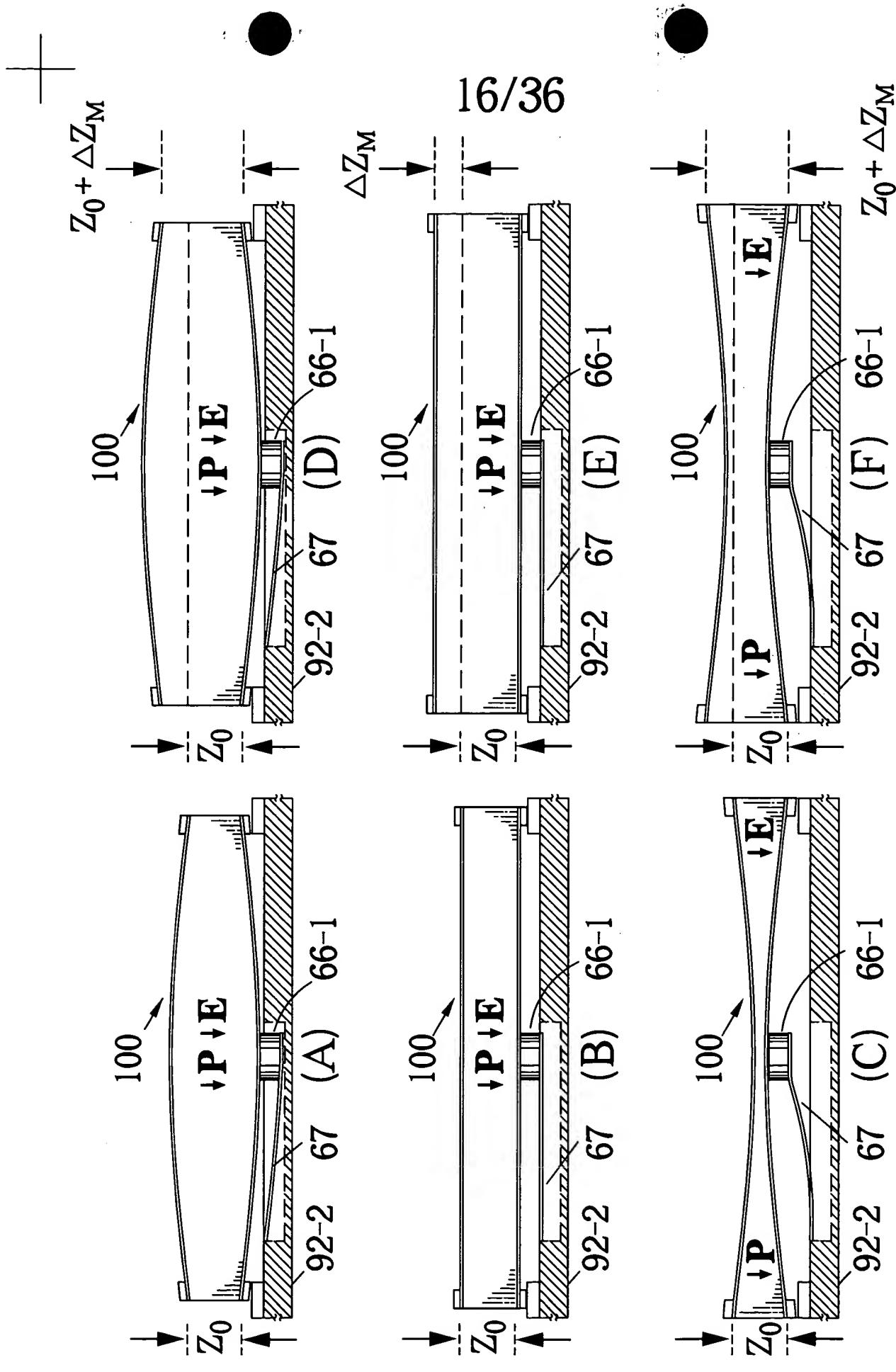


FIG. 7B  
FORCE SENSOR OUTPUT

FIG. 8



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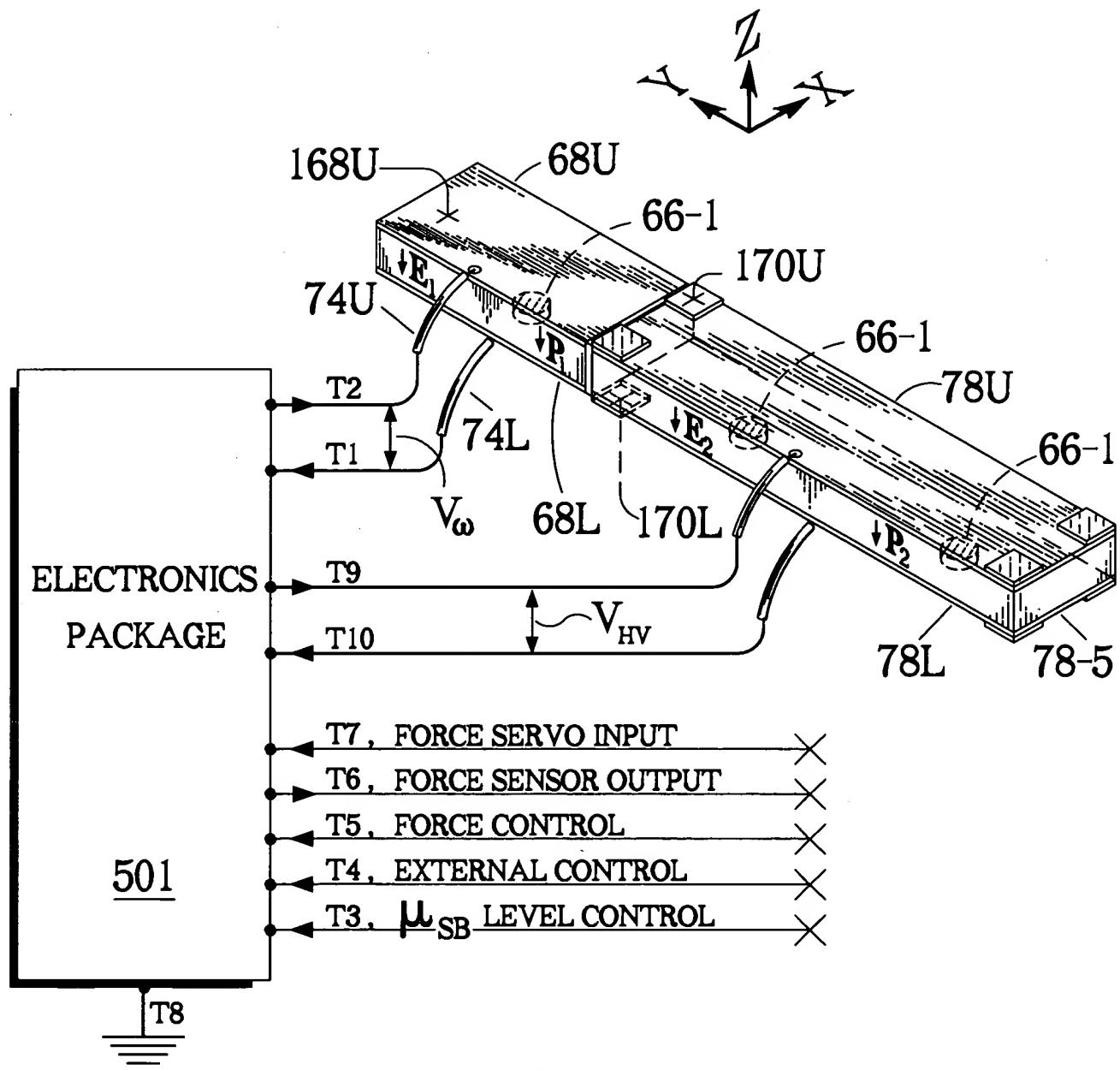


FIG. 9A

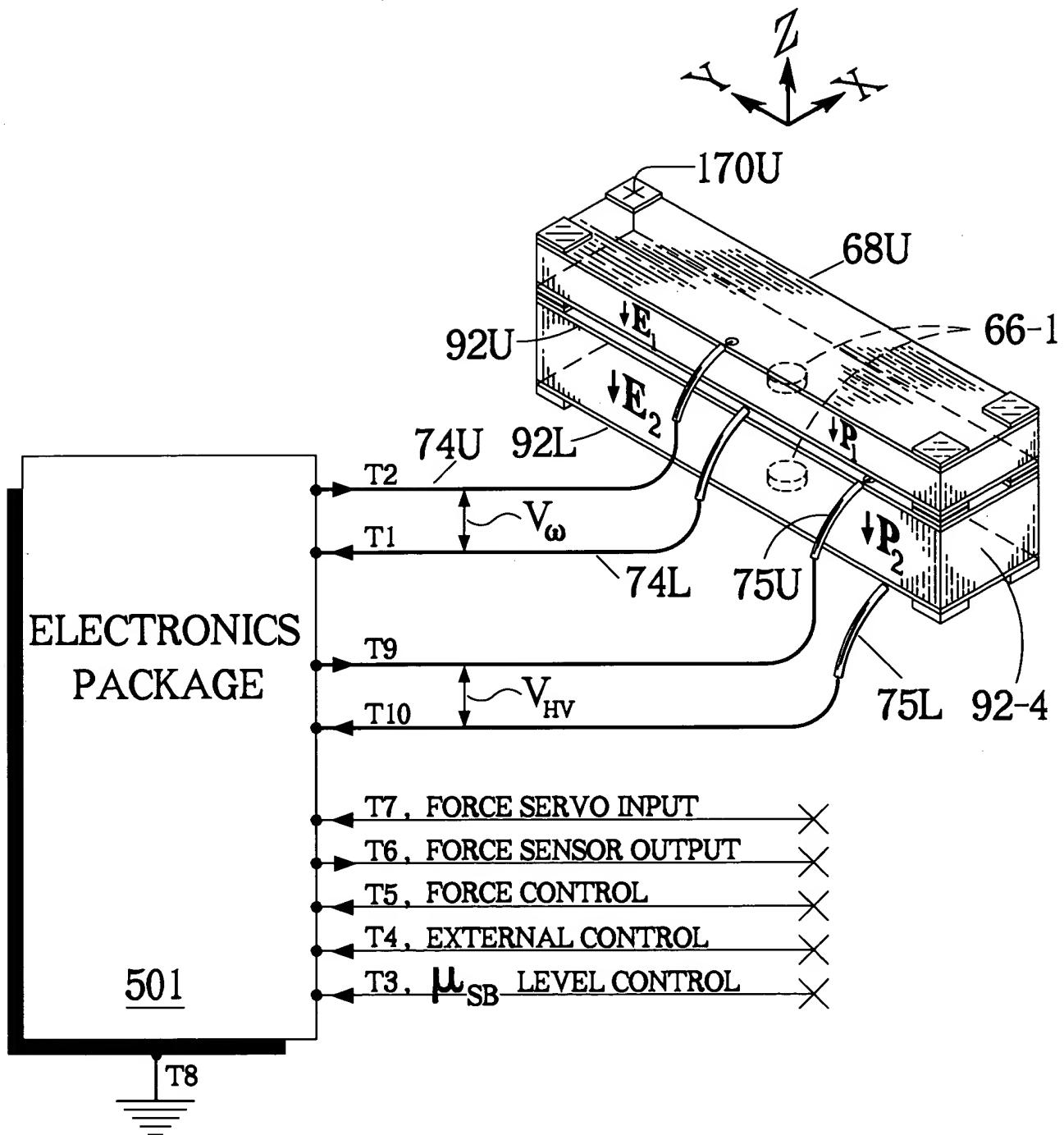


FIG. 9B

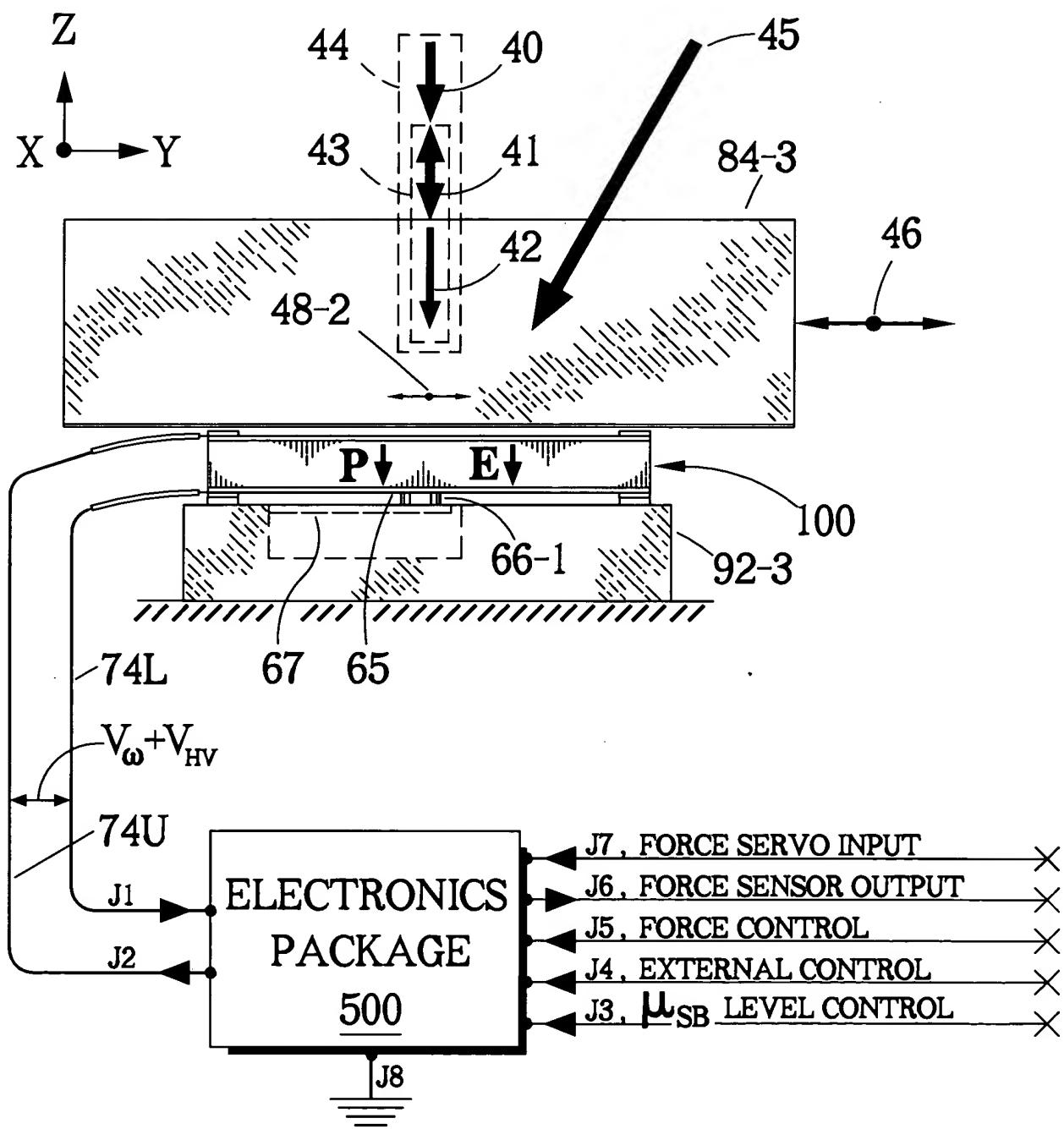


FIG. 10

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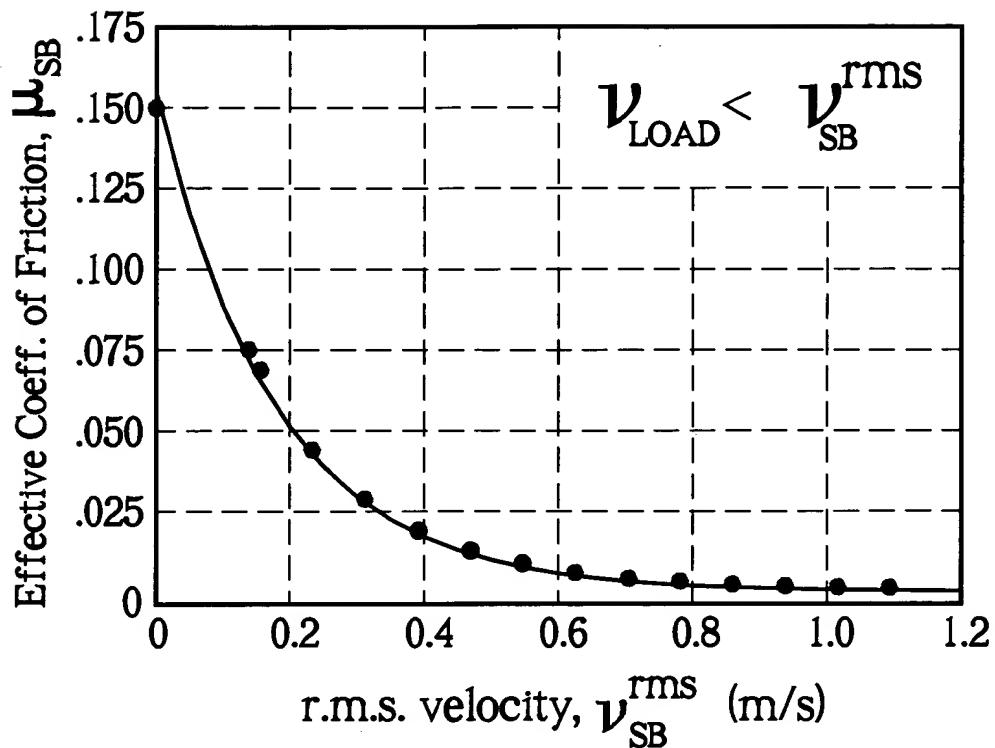


FIG. 11A

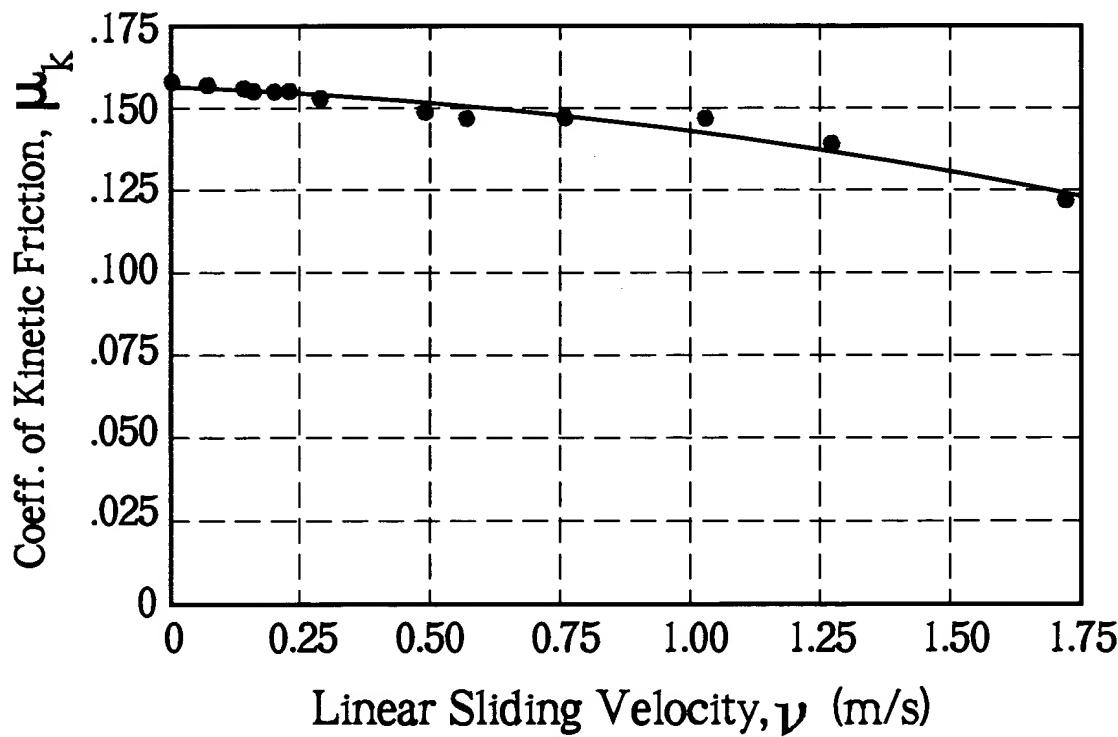


FIG. 11B

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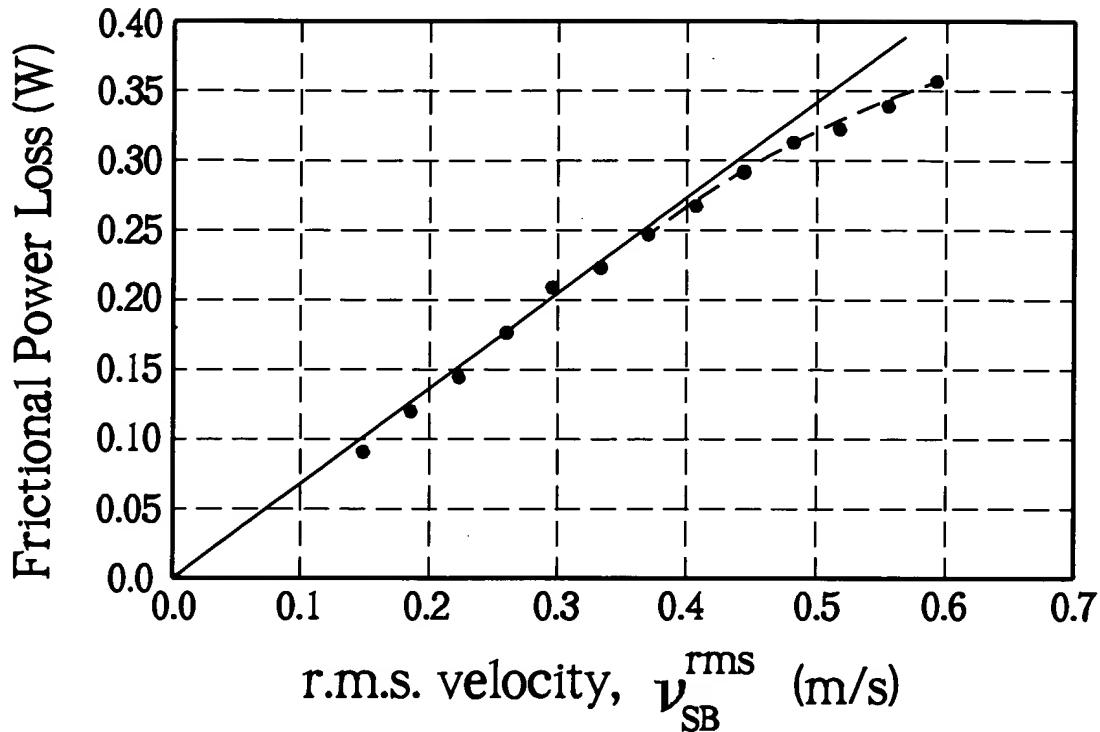


FIG. 12A

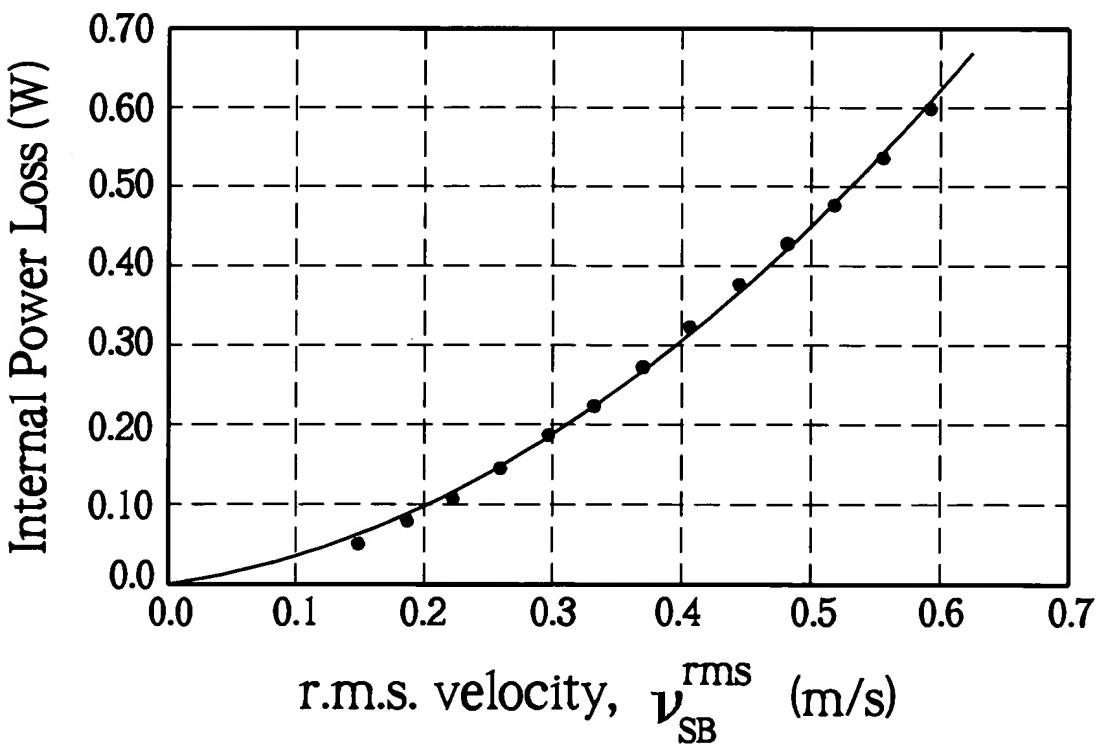


FIG. 12B

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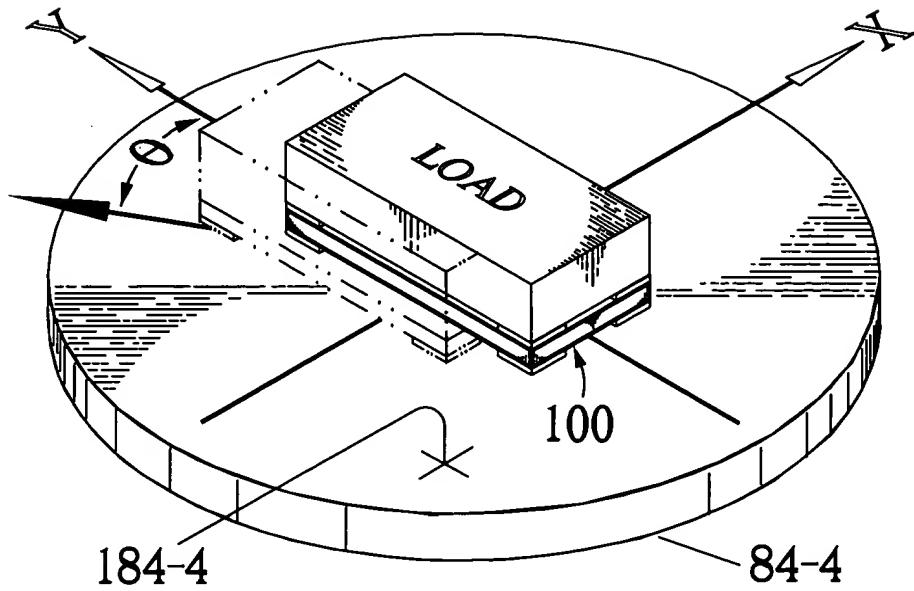


FIG. 13A

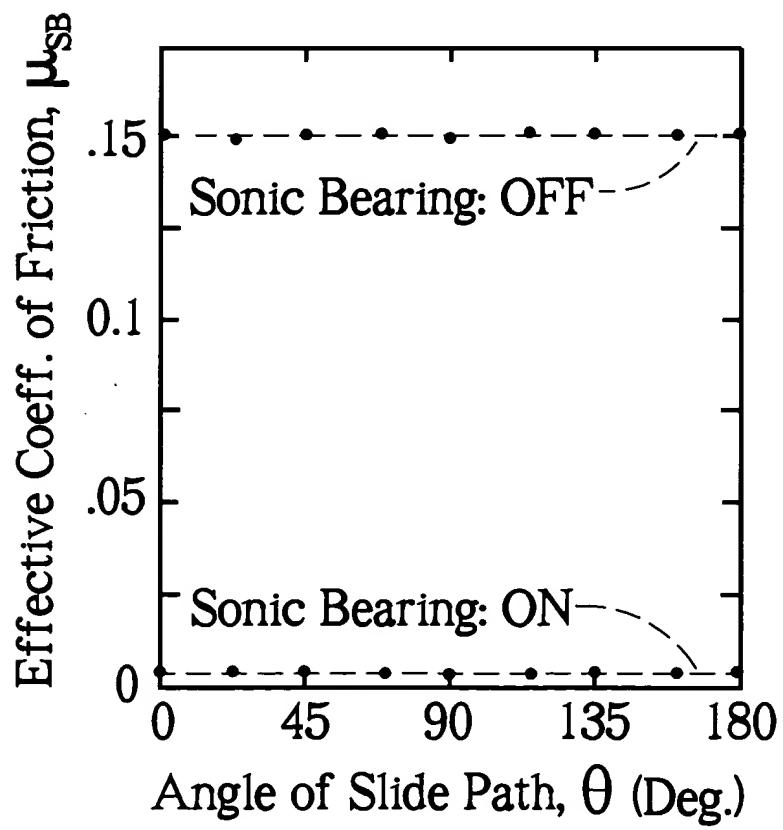


FIG. 13B

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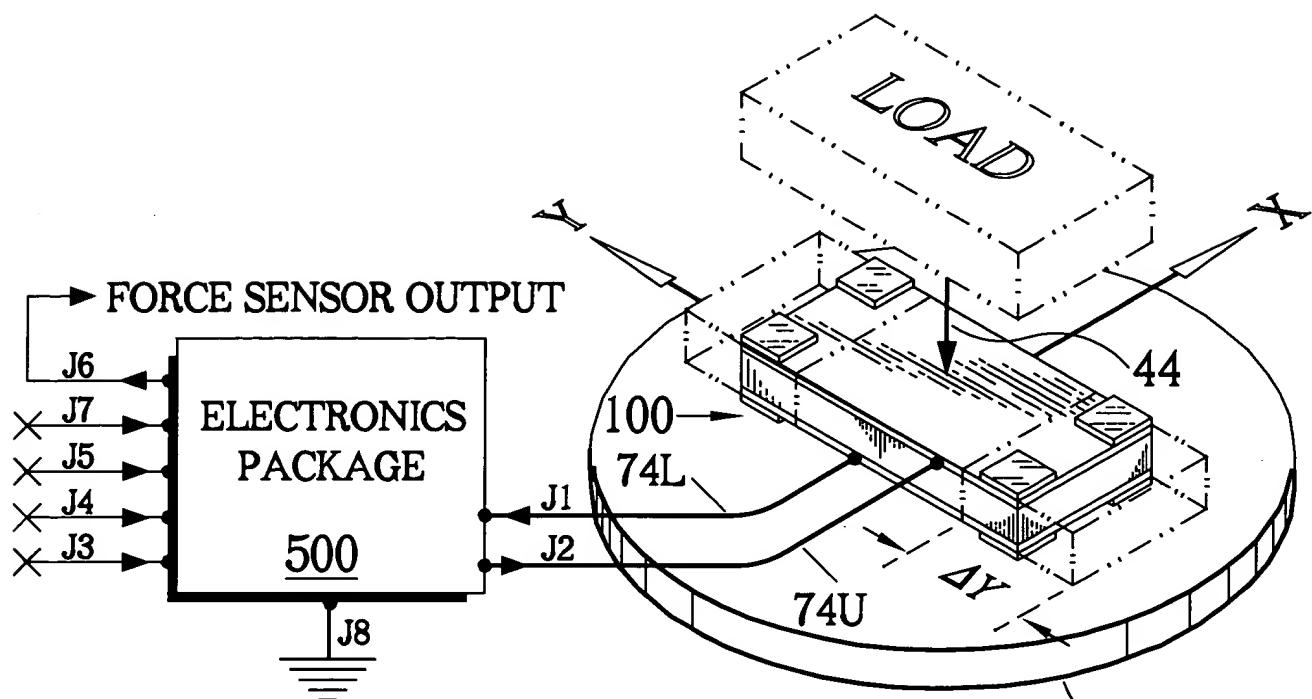


FIG. 14A

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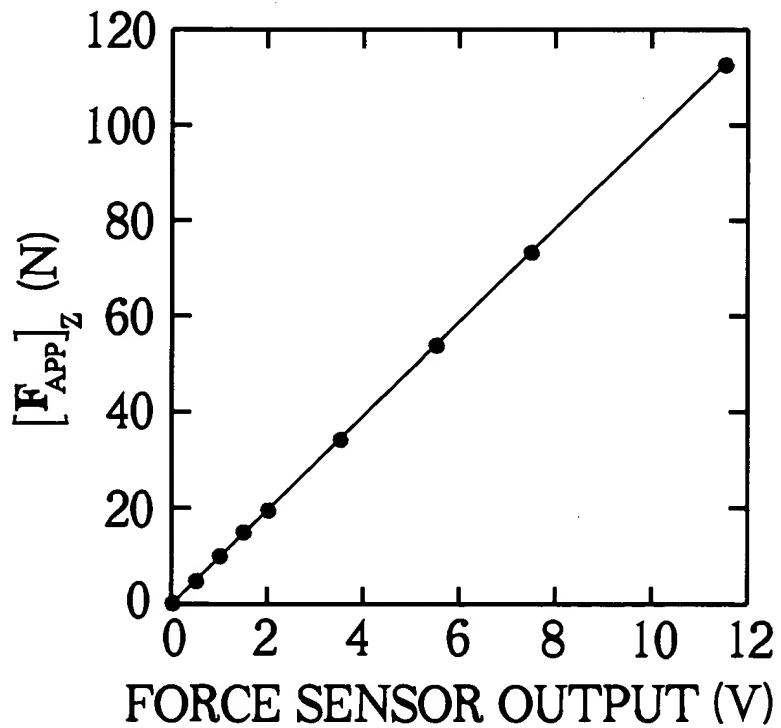


FIG. 14B

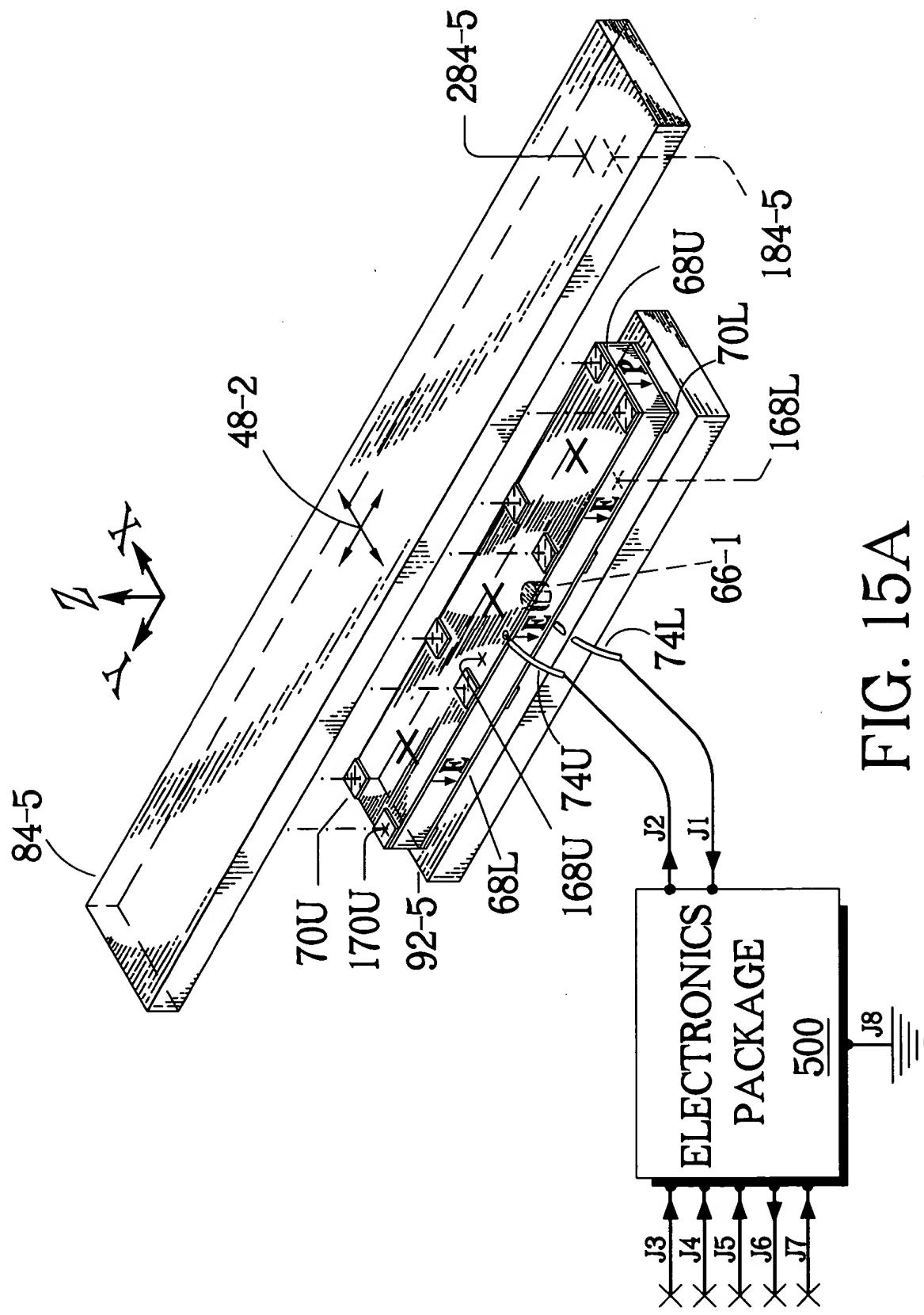


FIG. 15A

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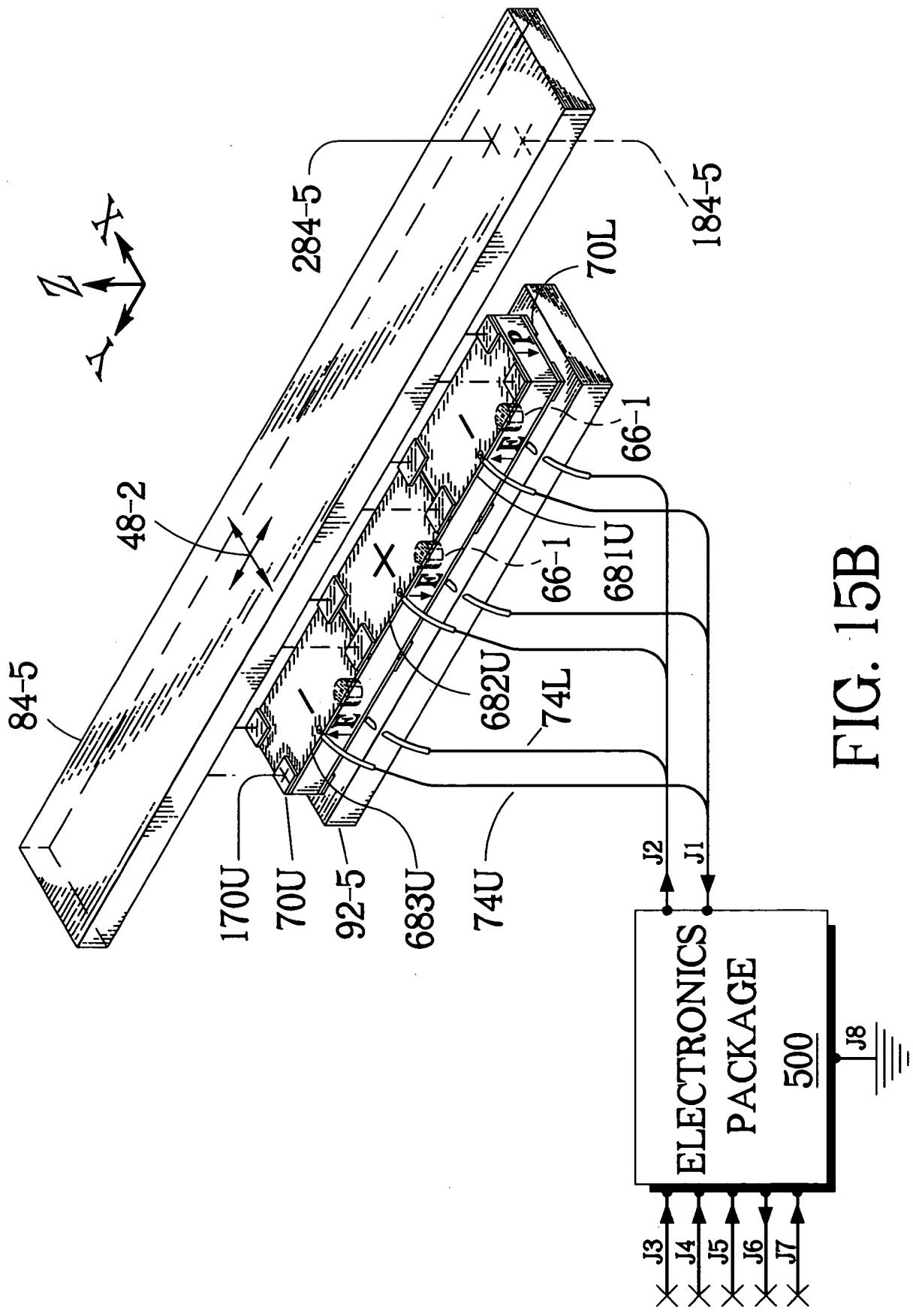


FIG. 15B

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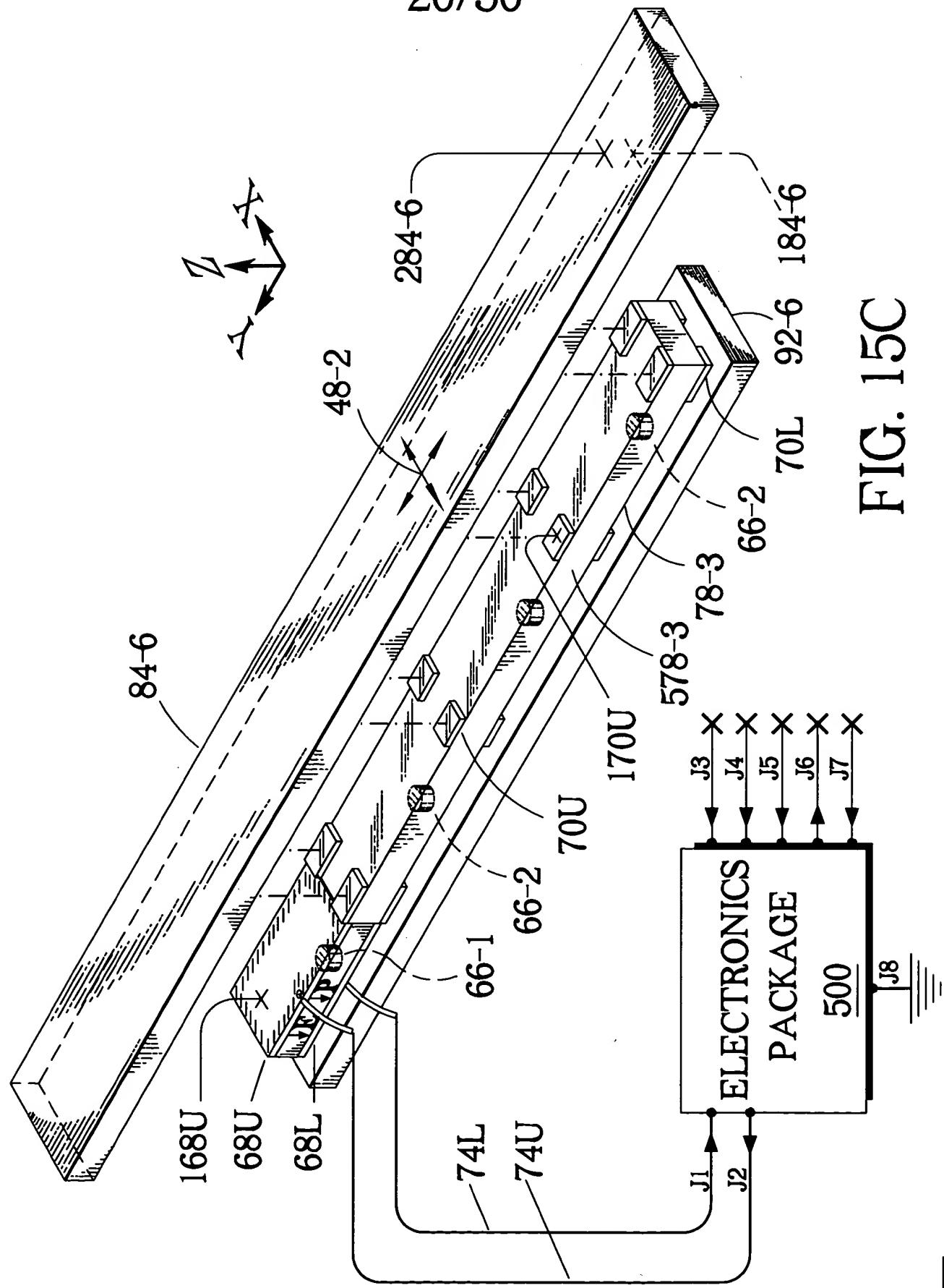


FIG. 15C

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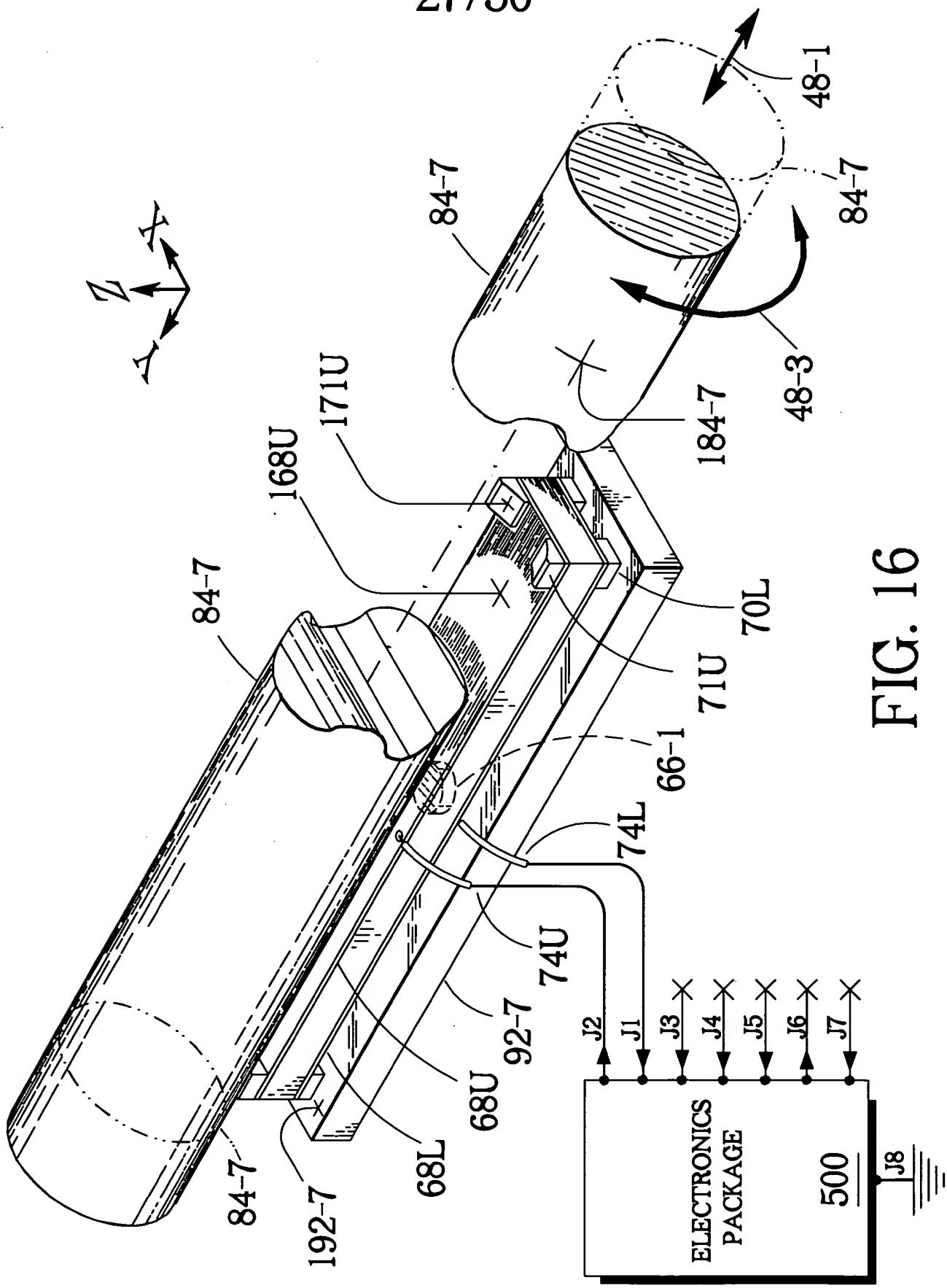


FIG. 16

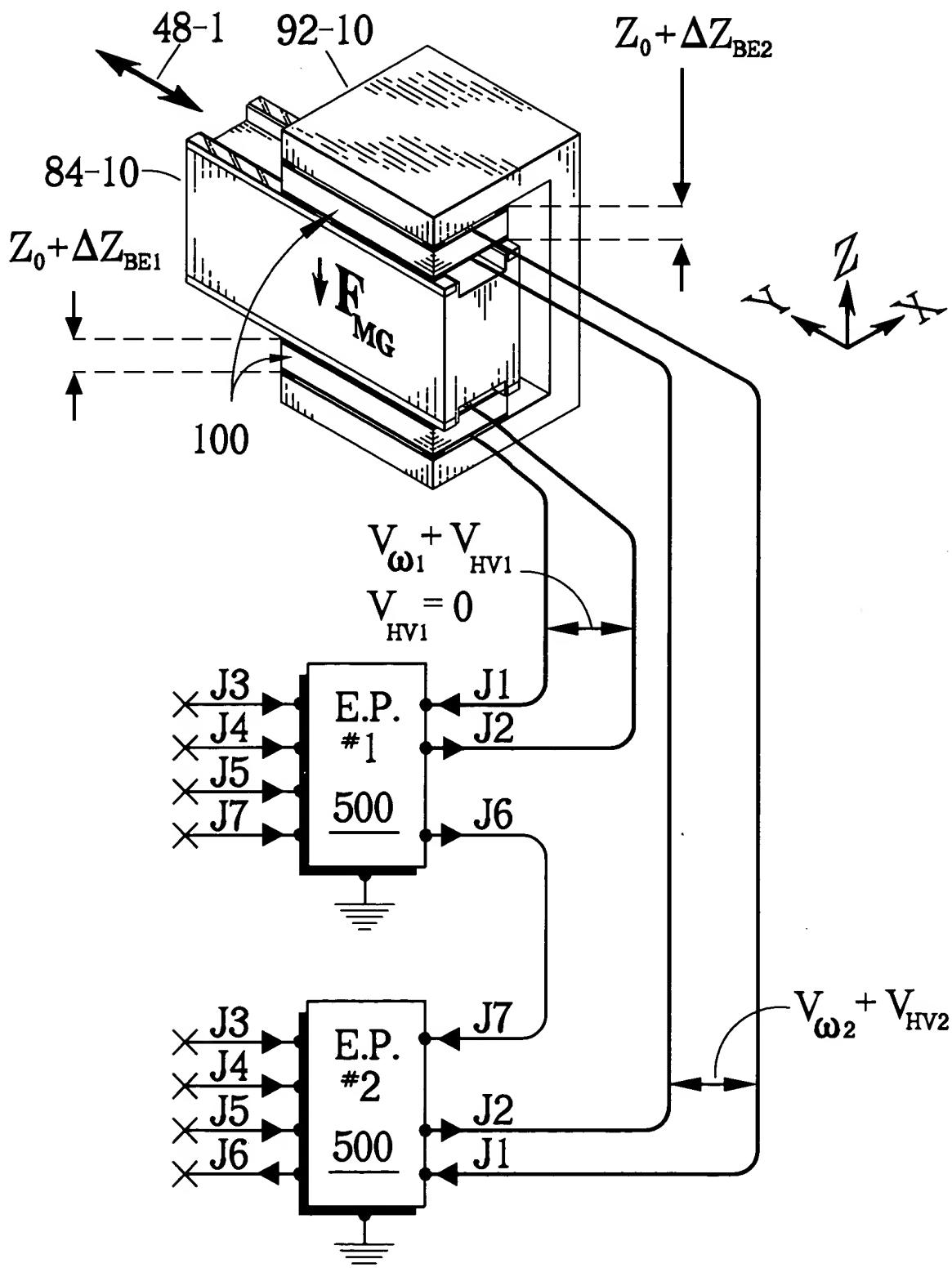


FIG. 17

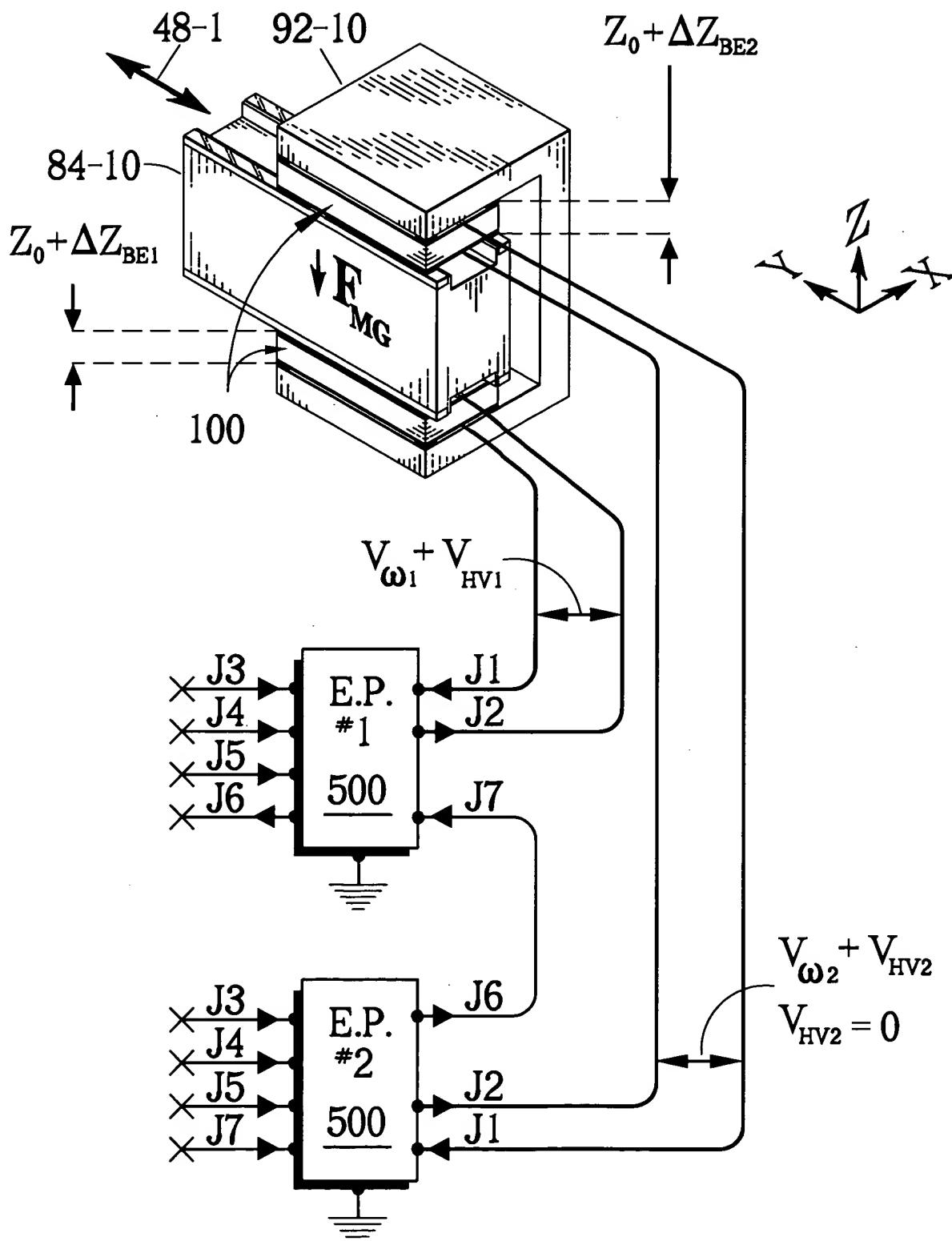


FIG. 18

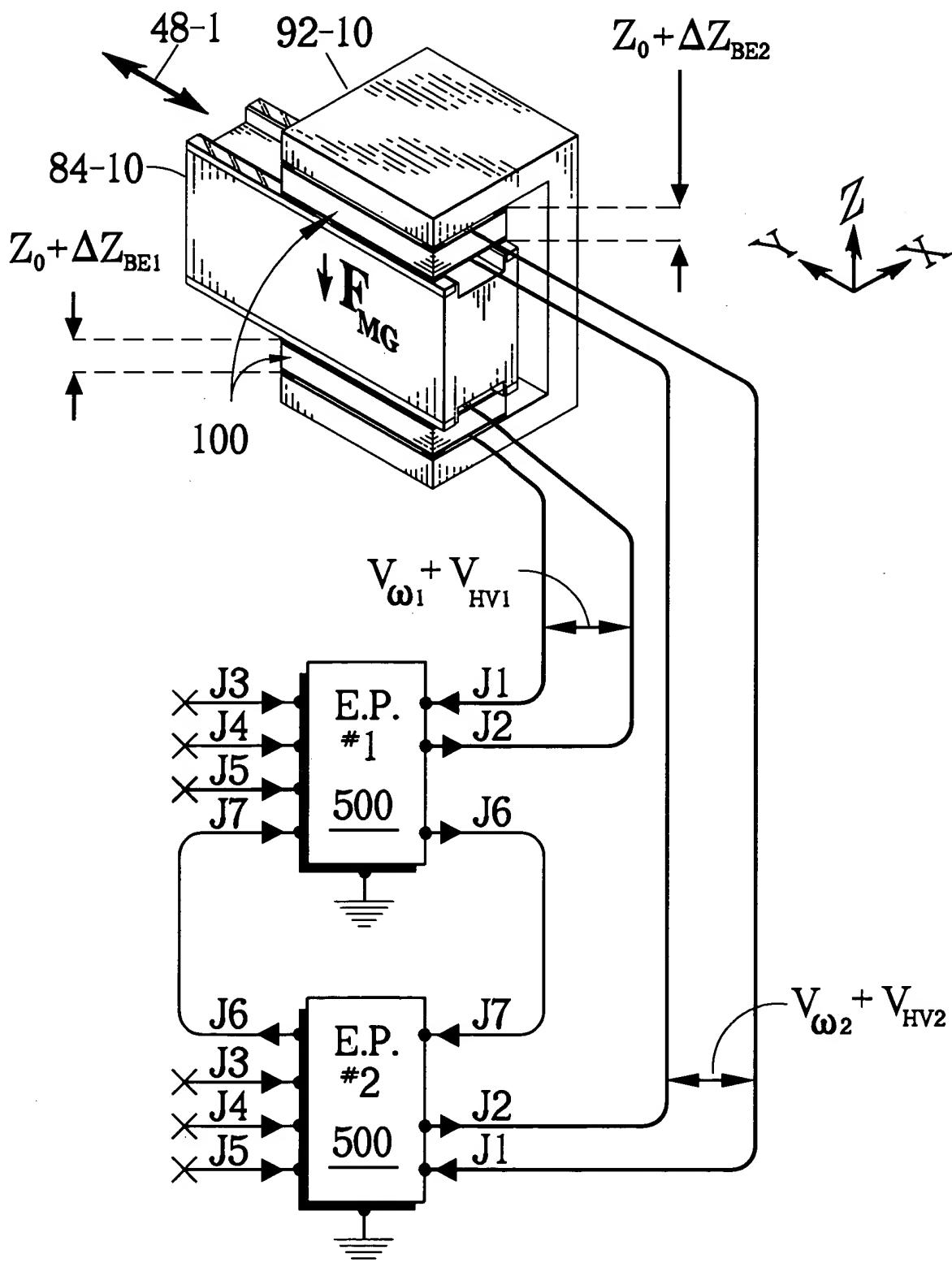


FIG. 19

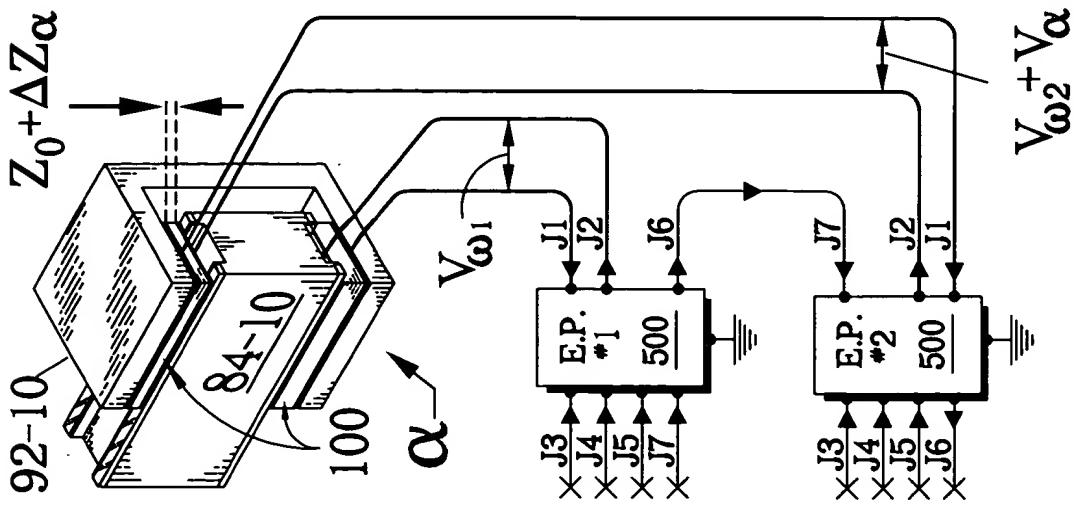
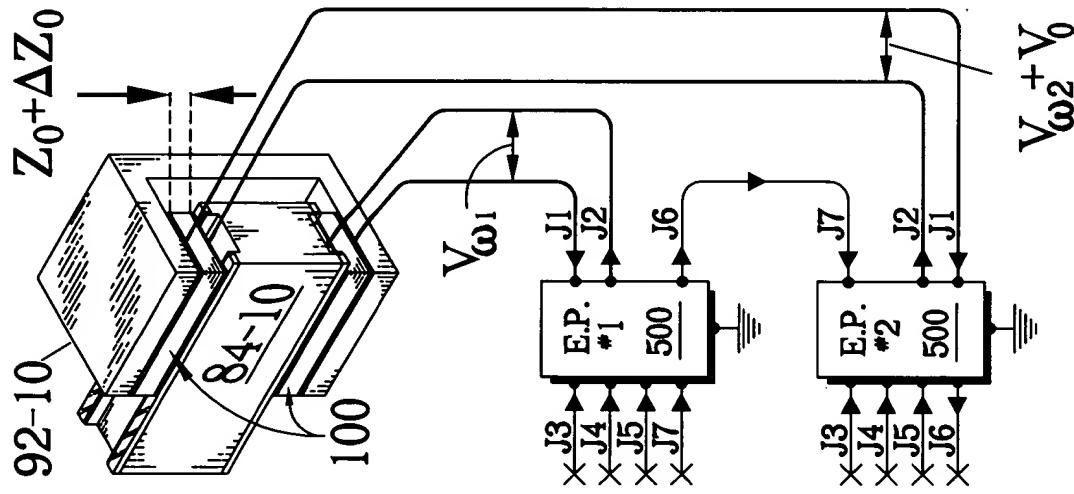
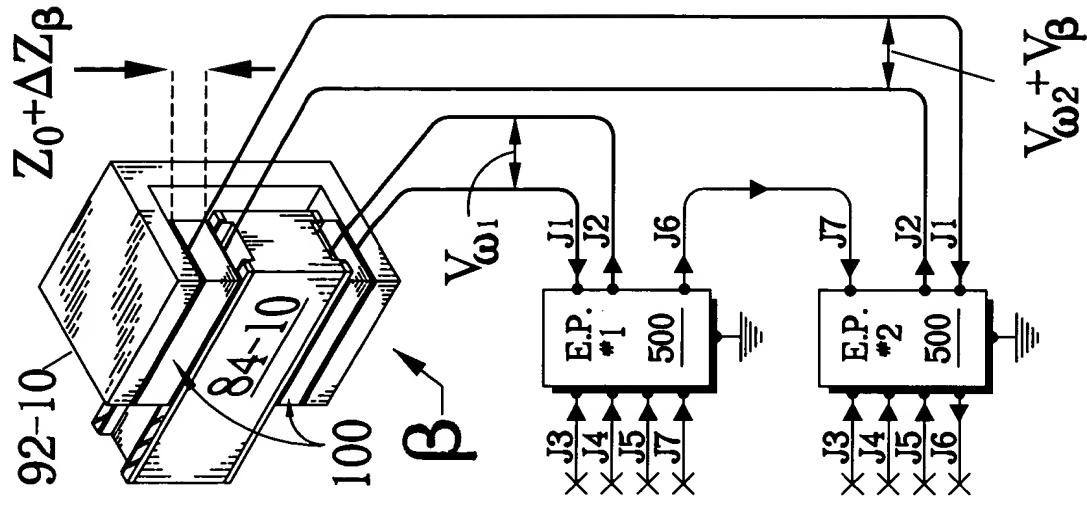


FIG. 20

FIG. 21

FIG. 22

FIG. 23B

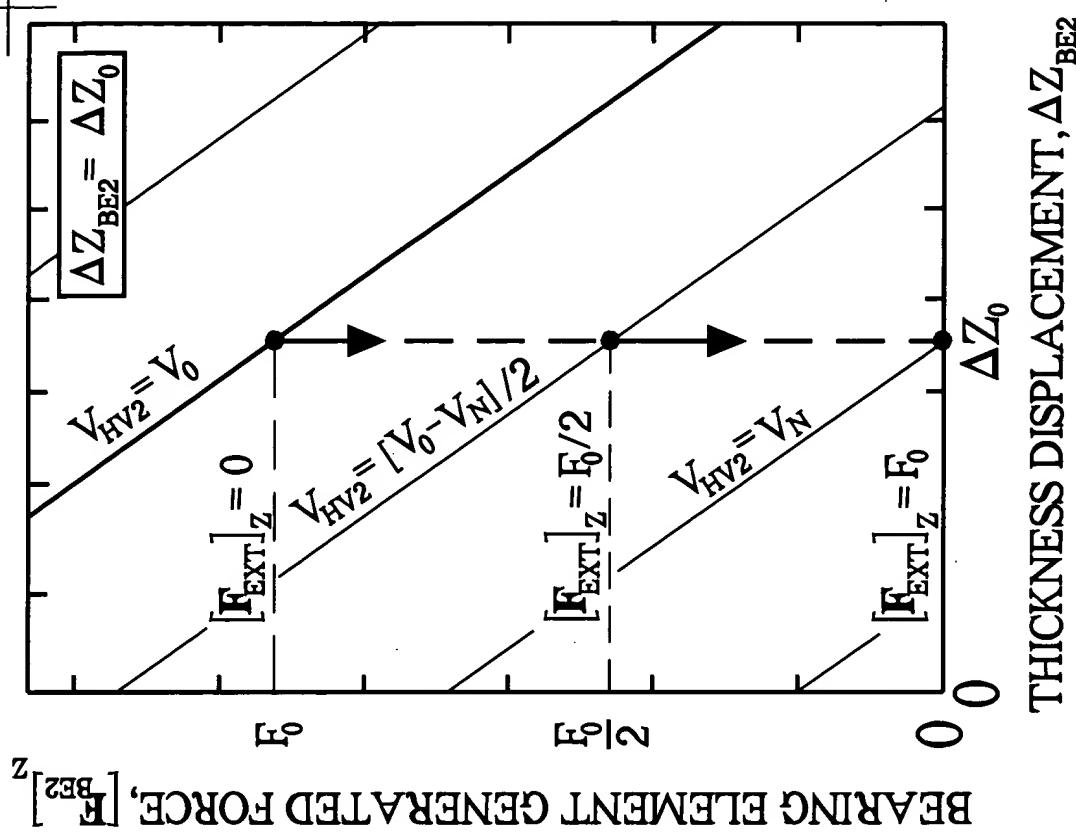
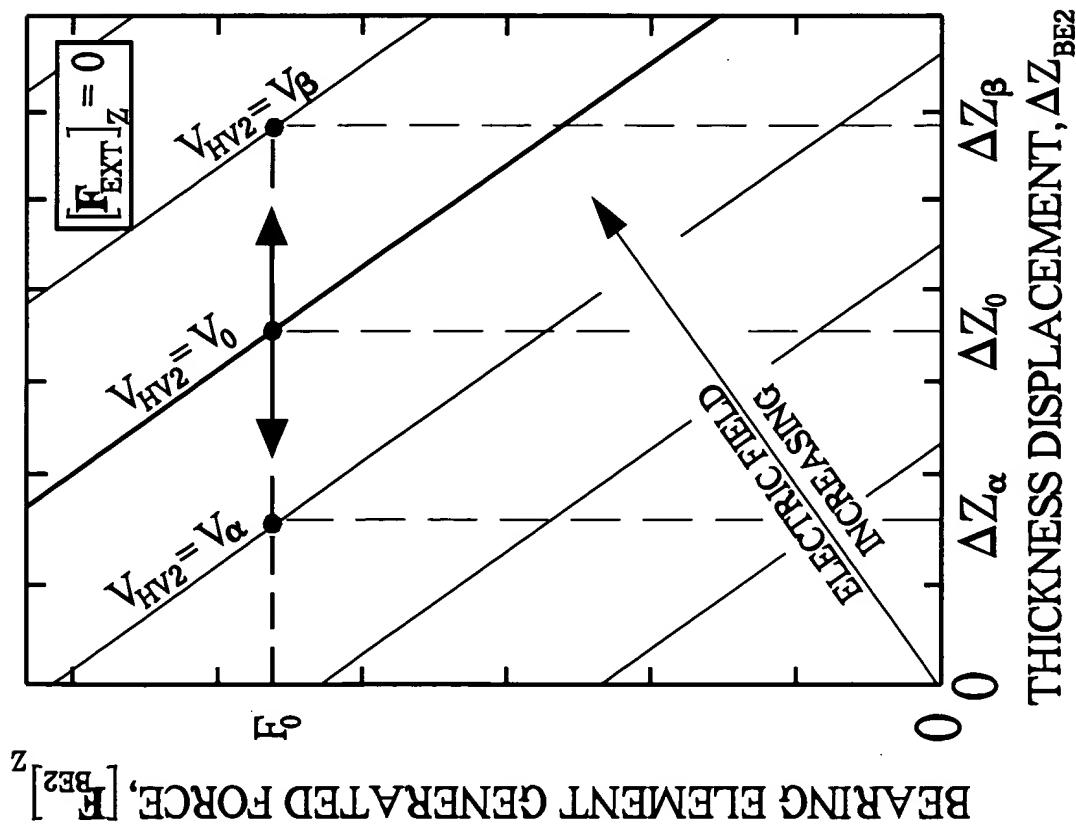


FIG. 23A



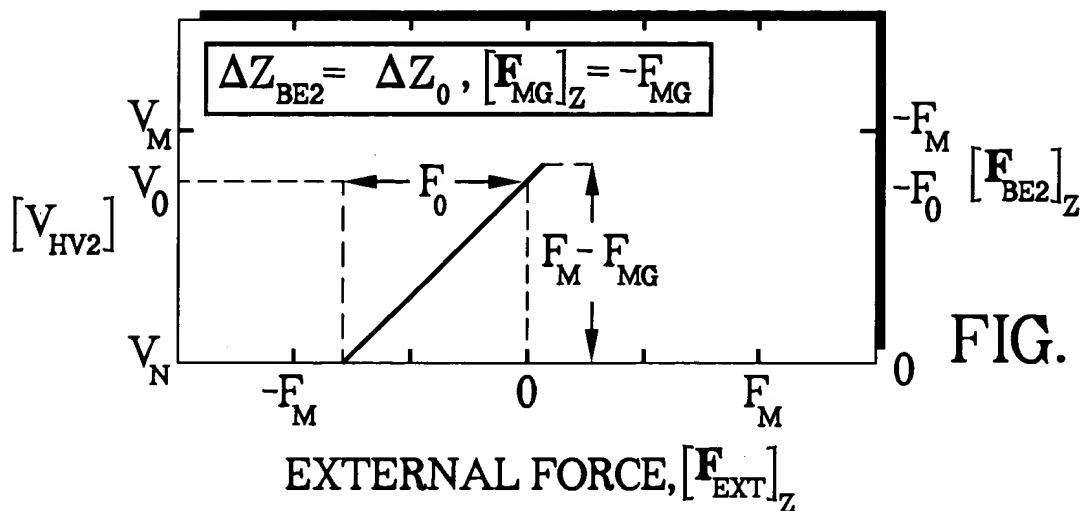


FIG. 24A

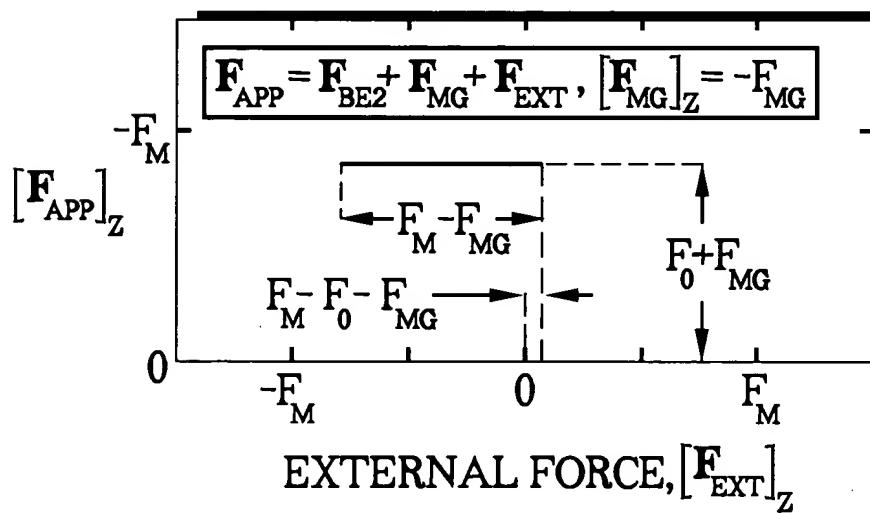


FIG. 24B

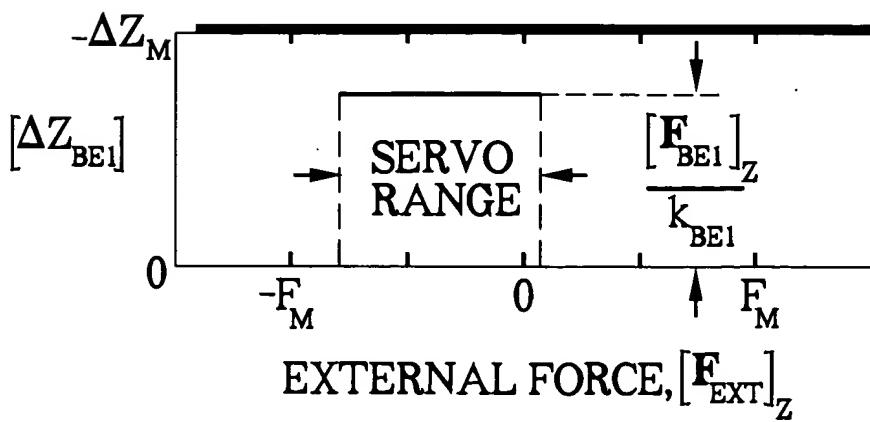


FIG. 24C

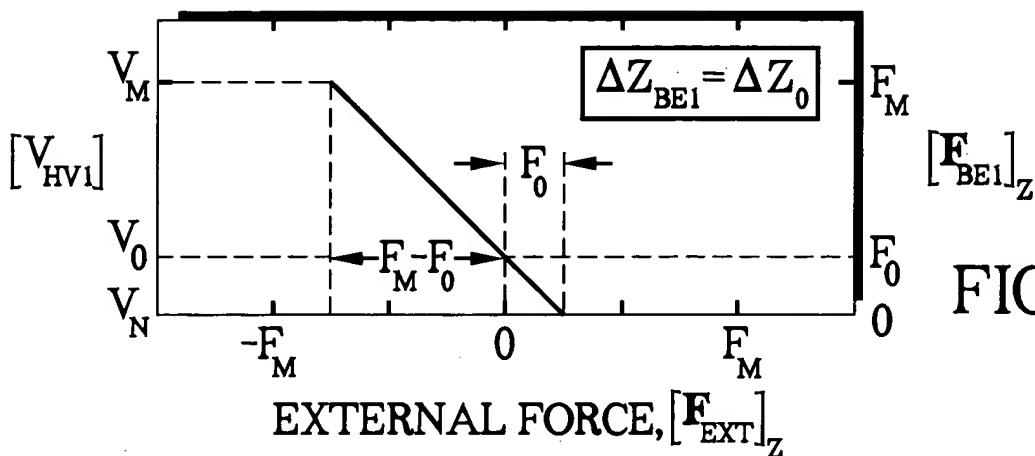


FIG. 25A

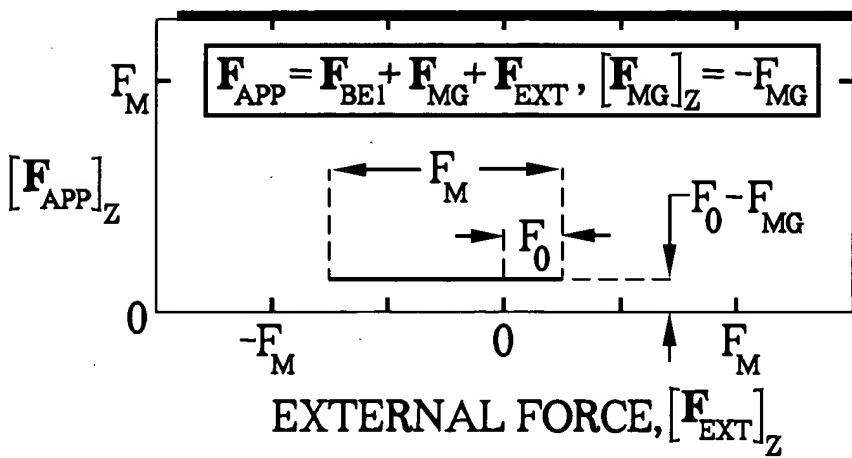


FIG. 25B

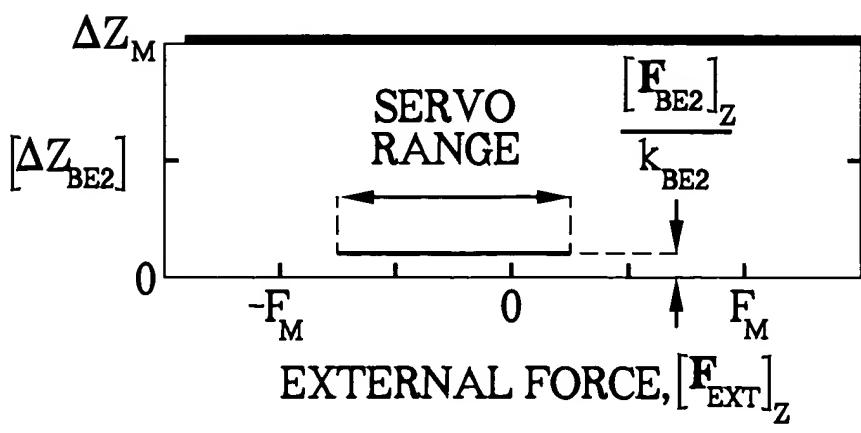


FIG. 25C

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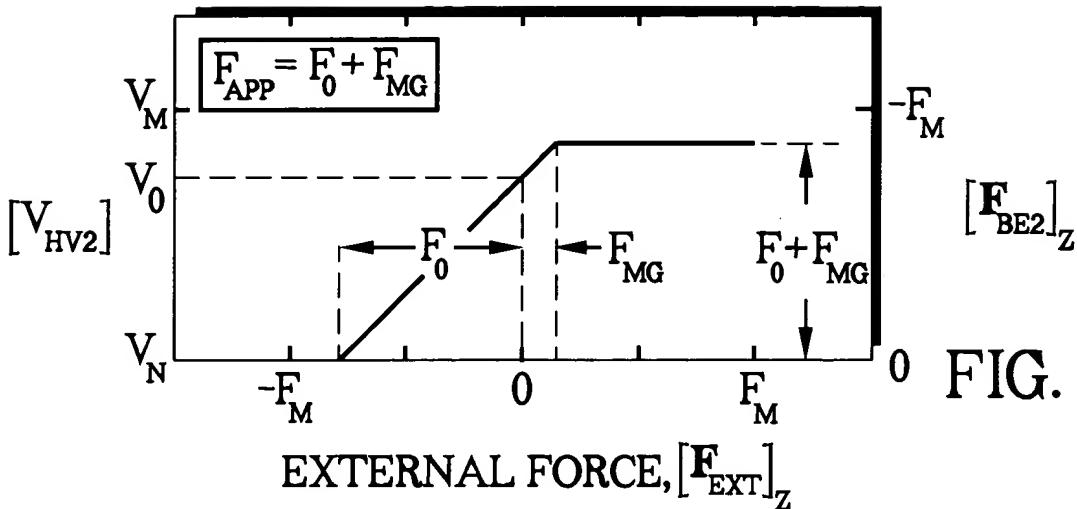


FIG. 26A

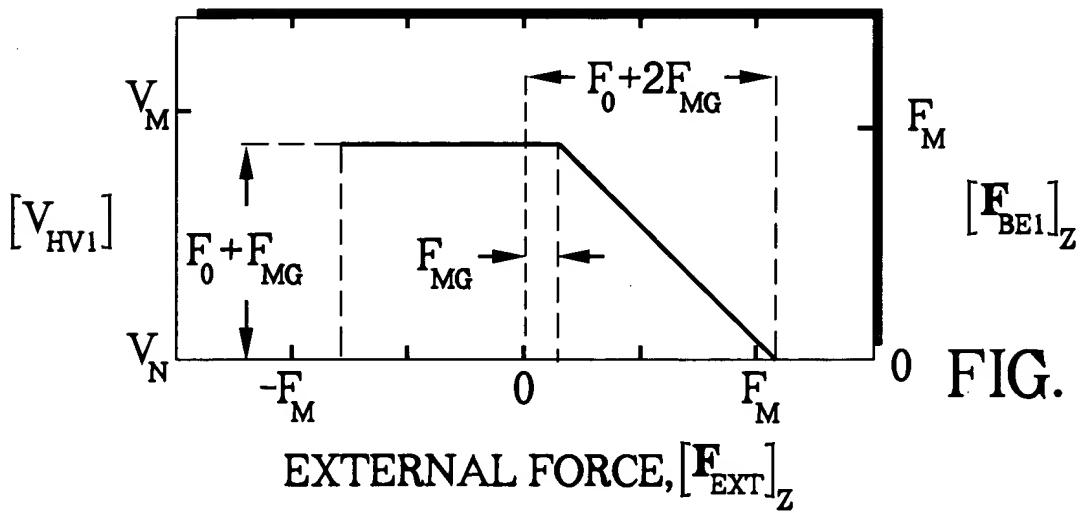


FIG. 26B

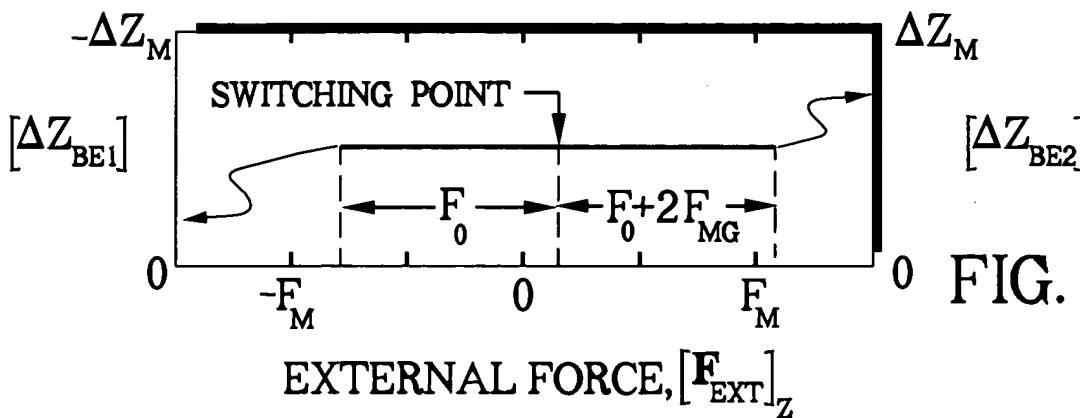


FIG. 26C

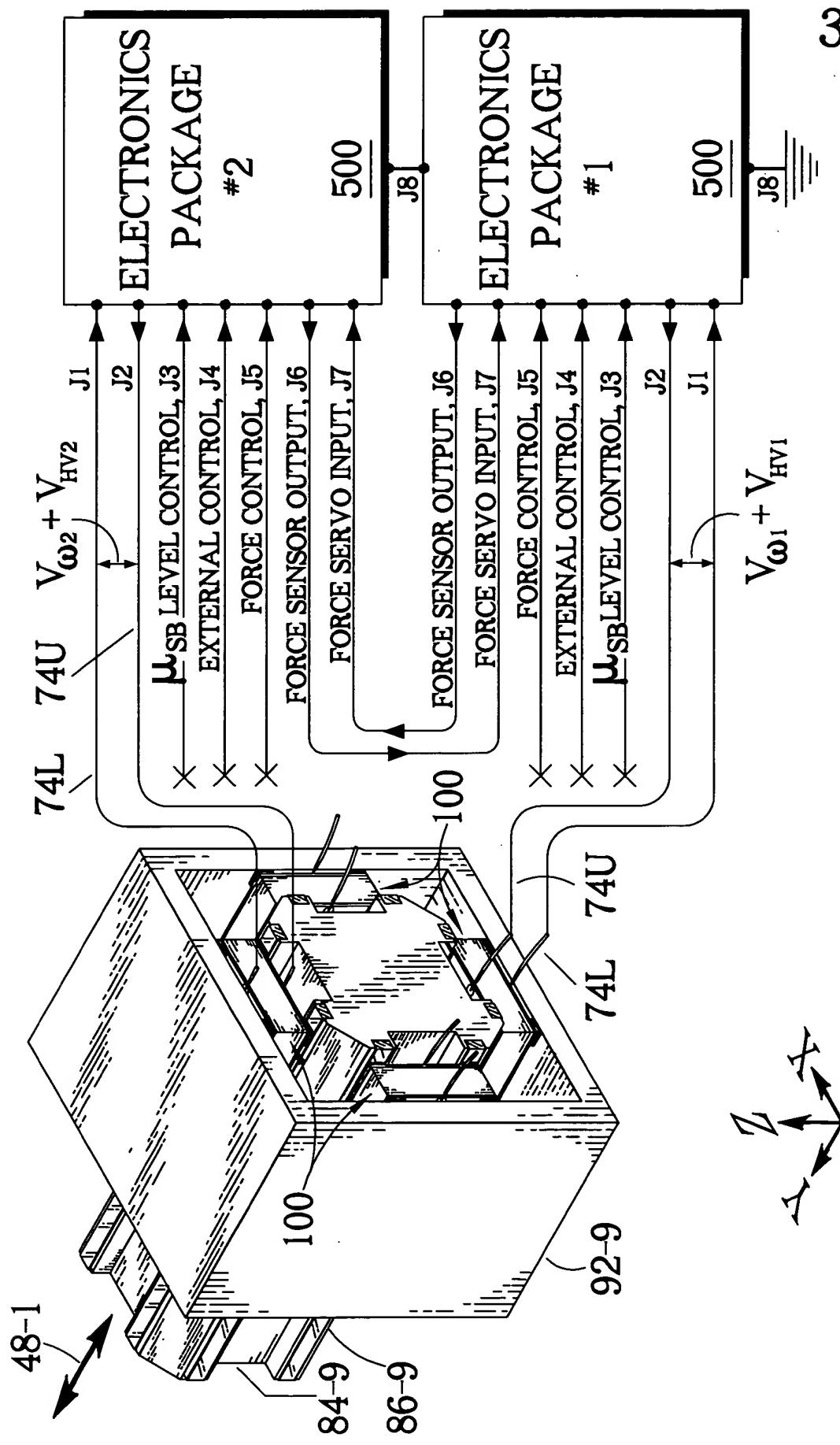


FIG.27